

Appendix A
Public Notification that a potential event was occurring
(40 CFR §50.14(c)(1))

FIGURE A-1
NATIONAL WEATHER SERVICE PUBLIC ZONES

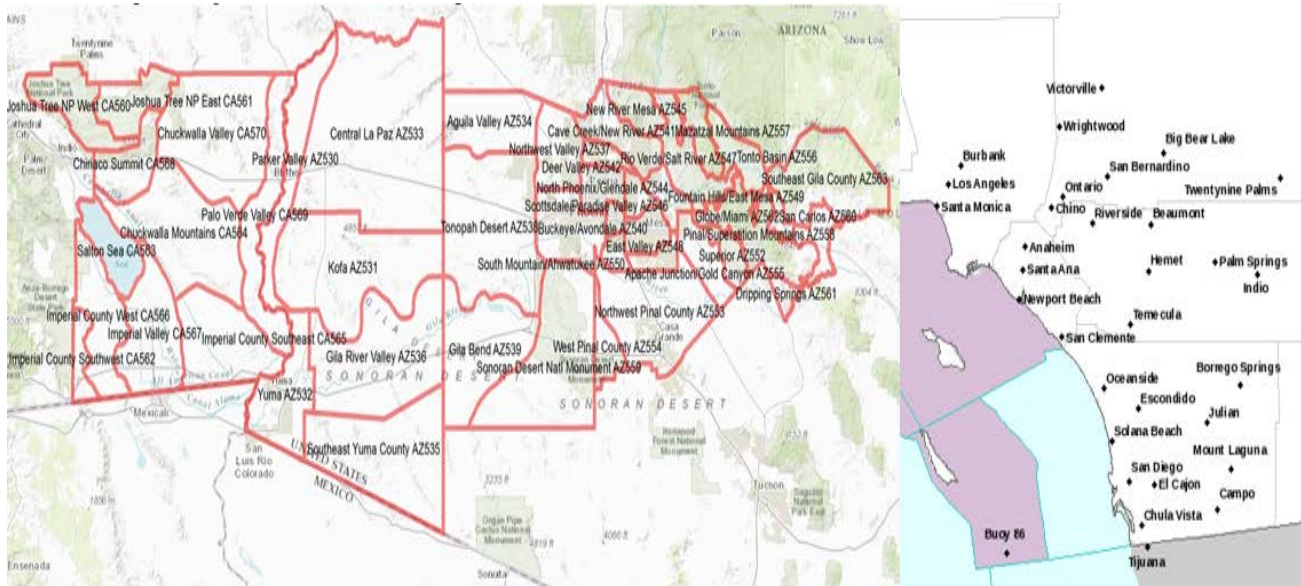


Fig A-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

An index listing all of the issued NWS Area Forecast Discussions and notices begins with page 83. Beginning on page 86 a listing of all NWS Area Forecast Discussions and notices begin organized by date and time. All referenced notices in the main document are included beginning with page 86.

FIGURE A-2
WIND ADVISORY FOR SE CALIFORNIA
ISSUED MAY 5, 2014

Your Severe Weather Watches and Warnings

EL CENTRO, CA
[Your Radar](#) | [Current Conditions](#) | [15-Day Forecast](#)

URGENT - WEATHER MESSAGE
 NATIONAL WEATHER SERVICE PHOENIX AZ
 238 AM MST MON MAY 5 2014
 ...WIND ADVISORY IN EFFECT FROM 10 AM MST /10 AM PDT/ TO 9 PM
 MST
 /9 PM PDT/ TUESDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
 ADVISORY...WHICH IS IN EFFECT FROM 10 AM MST /10 AM PDT/ TO 9
 PM
 MST /9 PM PDT/ TUESDAY.

* AFFECTED AREA...SOUTHEAST CALIFORNIA AND THE LOWER
 COLORADO RIVER
 VALLEY...INCLUDING PARKER...BLYTHE...AND EL CENTRO.

* TIMING...LATE TUESDAY MORNING THROUGH EARLY TUESDAY
 EVENING.

* WINDS...WEST SOUTHWEST WINDS 25 TO 35 MPH WITH GUSTS TO 45
 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
 ON NORTH-SOUTH ORIENTED ROADWAYS. MOTORISTS ON
 INTERSTATES 8
 AND 10 WILL ALSO EXPERIENCE HIGH WINDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF
 BETWEEN
 30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40
 AND
 58 MPH. WINDS THIS STRONG CAN MAKE DRIVING
 DIFFICULT...ESPECIALLY
 FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER
 DESERT
 AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL
 UNDER
 A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
 CAUTION.

&&
 VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX


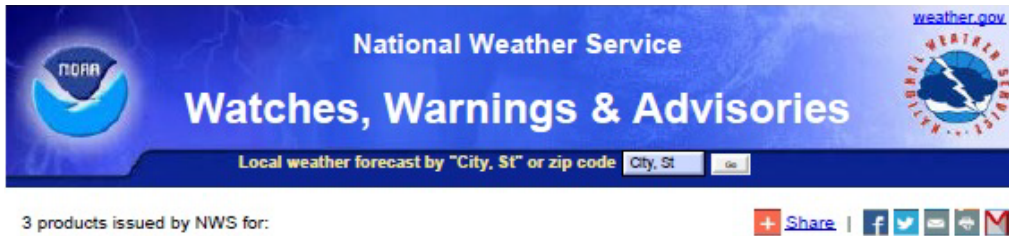


Fig A-2: A wind advisory issued at 2:38am MST on May 5, 2014 by the NWS Phoenix office advising of southwest winds 25 to 35 mph with gusts up to 45 mph for southeastern California and the lower Colorado River area

FIGURE A-3
BLOWING DUST ADVISORY
MAY 6, 2014



Blowing Dust Advisory

URGENT - WEATHER MESSAGE
 NATIONAL WEATHER SERVICE PHOENIX AZ
 811 AM MST TUE MAY 6 2014

CAZ033-070315-
 /O.NEW.KPSR.DU.Y.0004.140506T1511Z-140507T0100Z/
 /O.CON.KPSR.WI.Y.0008.000000T0000Z-140507T0400Z/
 IMPERIAL COUNTY-
 INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO
 811 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...
 ...BLOWING DUST ADVISORY IN EFFECT UNTIL 6 PM PDT THIS EVENING...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST ADVISORY...WHICH IS IN EFFECT UNTIL 6 PM PDT THIS EVENING. A WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING.

- * AFFECTED AREA...IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA... INCLUDING EL CENTRO.
- * TIMING...THIS MORNING THROUGH EARLY EVENING.
- * WINDS...WEST WINDS 25 TO 35 MPH WITH GUSTS TO 45 MPH.
- * VISIBILITY...VISIBILITY CAN RAPIDLY DECLINE TO LESS THAN 1 MILE IN AREAS.
- * IMPACTS...TRAVEL WILL BE DIFFICULT DUE TO REDUCED VISIBILITIES DUE TO DUST. CROSS WINDS WILL IMPACT VEHICLES...ESPECIALLY HIGH PROFILE VEHICLES...ON NORTH-SOUTH ORIENTED ROADWAYS. ROADWAYS THAT WILL BE IMPACTED INCLUDE HIGHWAY 95...AND INTERSTATES 8 AND 10

PRECAUTIONARY/PREPAREDNESS ACTIONS...

STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA CAUTION.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

&&
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Fig A-3: An advisory for blowing dust issued on May 6, 2014 by the Phoenix office of the NWS advising of high winds and blowing dust in Imperial County in southeastern California

FIGURE A-4
HAZARDOUS WEATHER OUTLOOK
MAY 6, 2014

Hazardous Weather Outlook

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE PHOENIX AZ
513 AM MST TUE MAY 6 2014

CAZ033-070400-
IMPERIAL COUNTY-
513 AM PDT TUE MAY 6 2014

...WIND ADVISORY IN EFFECT UNTIL 9 PM PDT THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

http://forecast.weather.gov/...ne=CAZ033&wamcounty=CAC025&firewxzone=CAZ232&local_place1=&product1=Blowing+Dust+Adviso

National Weather Service Watch Warning Advisory Summary

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

WIND ADVISORY.

GUSTY SOUTHWEST WINDS ARE EXPECTED THROUGHOUT THE DAY TODAY WITH THE
STRONGEST WINDS DURING THE AFTERNOON. OCCASIONAL GUSTS TO 45 MPH
CAN BE EXPECTED. THE STRONG WINDS WILL LIKELY GENERATE PATCHY
BLOWING DUST WHICH COULD SHARPLY RESTRICT VISIBILITIES. MOTORISTS ON
NORTH SOUTH ORIENTED ROADS COULD EXPERIENCE GUSTY SHIFTING CROSSWINDS
LEADING TO HAZARDOUS DRIVING CONDITIONS.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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Fig A-4: A hazardous weather outlook issued at 413 am PST (513 am PDT) advising of gusty southwest winds capable of generating blowing dust and creating hazardous driving conditions

FIGURE A-5
HIGH WINDS WITHIN THE SAN DIEGO MOUNTAINS
MAY 6, 2014

Storm Events Database

[Prev](#) / [Search Results](#) / [Next](#)

Event Details

Event	High Wind
Magnitude	59 kts.
State	CALIFORNIA
County/Area	San Diego County Mountains
WFO	SGX
Report Source	Mesonet
NCDC Data Source	CSV
Begin Date	2014-05-06 02:00:00.0 PST-8
End Date	2014-05-06 08:30:00.0 PST-8
Deaths Direct/Indirect	0/0 (fatality details below, when available...)
Injuries Direct/Indirect	0/0
Property Damage	0.00K
Crop Damage	0.00K
Episode Narrative	A strong, upper-level trough moved down the California coast and inland over southern California on the 6th, bringing widespread, gusty west winds to the area.

p?id=519448

1/2

Storm Events Database - Event Details | National Climatic Data Center

	The strongest winds with this system affected the San Diego County mountains with gusts 60-70 mph in some locations.
Event Narrative	High winds began at the Volcan Mountain SDGE mesonet between 0210-0220 PST on the 6th and ended between 0800-0810 PST the same day. During this period, winds were sustained out of the WSW at 40-45 mph with most gusts above 60 mph. This included a peak gust of 68 mph recorded between 0440-0450 PST. High winds occurred at the Harrison Park SDGE mesonet between 0300-0600 PST on the 6th with sustained winds out of the WSW at 40-45 mph and gusts off and on above 58 mph, including the peak gust of 61 mph recorded between 0430-0440 PST.

Fig A-5: High winds were reported in the San Diego Mountains just east of Imperial Valley on May 6, 2014. The winds were part of the weather system that affected Imperial County over a two-day period. Source: NOAA's Storm Events Database

FIGURE A-6 WIND ADVISORY MAY 6, 2014

Wind Advisory

http://forecast.weather.gov/?ne=CAZ033&warncounty=CAC025&firewxzone=CAZ232&local_place1=&product1=Blowing+Dust+Advis

National Weather Service Watch Warning Advisory Summary

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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
811 AM MST TUE MAY 6 2014

CAZ033-070315-
/O.NEW.KPSR.DU.Y.0004.140506T1511Z-140507T0100Z/
/O.CON.KPSR.WI.Y.0008.000000T0000Z-140507T0400Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO
811 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...
...BLOWING DUST ADVISORY IN EFFECT UNTIL 6 PM PDT THIS EVENING...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL 6 PM PDT THIS EVENING. A WIND
ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING.

* AFFECTED AREA...IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA...
  INCLUDING EL CENTRO.

* TIMING...THIS MORNING THROUGH EARLY EVENING.

* WINDS...WEST WINDS 25 TO 35 MPH WITH GUSTS TO 45 MPH.

* VISIBILITY...VISIBILITY CAN RAPIDLY DECLINE TO LESS THAN 1 MILE IN
  AREAS.

* IMPACTS...TRAVEL WILL BE DIFFICULT DUE TO REDUCED VISIBILITIES DUE
  TO DUST. CROSS WINDS WILL IMPACT VEHICLES...ESPECIALLY HIGH PROFILE
  VEHICLES...ON NORTH-SOUTH ORIENTED ROADWAYS. ROADWAYS THAT WILL BE
  IMPACTED INCLUDE HIGHWAY 95...AND INTERSTATES 8 AND 10

PRECAUTIONARY/PREPAREDNESS ACTIONS...

STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED
VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING
SAND. USE EXTRA CAUTION.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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Fig A-6: A wind advisory issued at 711 AM (811 AM MST) by the Phoenix, Arizona office of the NWS advised of both high winds, blowing dust, and limited visibility for Imperial County in southeast California

FIGURE A-7
HIGH WINDS IN COACHELLA VALLEY
MAY 5, 2014 AND MAY 6, 2014

Palm Springs weather | DesertSun.com | The Desert Sun

Blake Herzog and Tatiana Sanchez 8:28 p.m. PDT May 5, 2014



CONNECTEMAILMORE

The National Weather Service in San Diego has issued a high wind warning for the Coachella Valley from noon Monday through 3 a.m. Wednesday, with strong, gusty westerly winds expected most of Tuesday from a low-pressure system from the Pacific Northwest.

Wind speeds will gradually pick up Monday afternoon, with periods of west winds of 25 to 35 mph and gusts up to 60 mph both Monday and Tuesday nights. Isolated gusts up to 70 mph are possible, particularly in mountain areas, though they could reach the desert floor.

Visibility could be reduced to a mile or less by blowing desert sand, the service said.

Driving could be difficult along Interstate 10 and elsewhere, and motorists should be alert for downed trees and power lines.

The warning replaces a wind advisory issued Sunday for the Coachella Valley from 11 a.m. Monday through 9 p.m. Tuesday. A warning means "a hazardous high wind event is expected or occurring," the service said.

Sustained winds of 40 mph or gusts of 50 mph can damage property, according to the service.

Fig A-7: The weather system that brought high winds to the Imperial Valley also brought high winds to the Coachella Valley. This supports the regional impact of the weather system. Source: The Desert Sun.com

FIGURE A-8
NO BURN DAY
IMPERIAL COUNTY NOTICE – MAY 5, 2014

Imperial County Air Pollution Control District
Daily Weather and Ag. Burning Information

Date: Monday, May 5, 2014

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	70	S 7	10
8 AM	78	S 5	10
9 AM	83	CALM	10
10 AM	88	SSE 5	10
11 AM	92	SE 10	10
NOON	97	SSE 8G18	9
1 PM	98	SE 12G22	10
2 PM	100	SE 14	10
3 PM	101	SE 16G21	10
4 PM	102	SSE 17	10
5 PM	100	SE 17	10
6 PM	96	WSW 15	10
7 PM	90	W 13	10

Max. Temperature yesterday was 102 degrees

Today's Mt. Signal Visibility at 7:30 AM HAZY NKX 12Z 500 MB Height _____
 1Y7 12Z 500 MB Height _____

Forecasts
High Today _____

	Local Forecast (Issued 8 AM Local)	Computer Forecast (RUC 40KM 12Z)
Est. Time Mixing Height reaches 3000 feet	-	10:00
Forecast of Maximum Mixing Height	- feet	9,514 feet
Forecast for Morning surface winds	W 10 to 15 mph	W 10 to 15 mph
Forecast for afternoon surface winds	SW 20 to 30G40 mph	SW 20 to 30G40 mph
Forecast for evening surface winds	W 20 to 30G40 mph	
Forecast 10 AM - 3 PM transport winds	WSW 16 mph	

Comments/Complaints: NO BURN DAY. Winds from 20 to 30 AND Gust winds up to 40 MPH.

Burn Hours _____ ARB No Burn Day _____ District called No Burn Day X

Total actually burned today _____ acres Crops burned _____

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int MAC

Fig A-8: Is a copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on May 5, 2014

FIGURE A-9
NO BURN DAY
IMPERIAL COUNTY NOTICE – MAY 6, 2014

Imperial County Air Pollution Control District
Daily Weather and Ag. Burning Information

Date: Tuesday, May 6, 2014

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	66	SSW 5	10
8 AM	75	SSW 6	10
9 AM	79	SSW 9	10
10 AM	85	S 9	10
11 AM	88	S 6	10
NOON	92	SW 10	10
1 PM	93	-	10
2 PM	93	SSW 9	10
3 PM	96	WSW 9G21	10
4 PM	94	W 21G30	10
5 PM	88	W 25G37	7
6 PM	84	W 25G40	9
7 PM	81	W 23G33	10

Max. Temperature yesterday was 96 degrees

Today's Mt. Signal Visibility at 7:30 AM HAZY NKX 12Z 500 MB Height _____
1Y7 12Z 500 MB Height _____

Forecasts
High Today 76

Local Forecast (Issued 8 AM Local)	Computer Forecast (RUC 40KM 12Z)
Est. Time Mixing Height reaches 3000 feet	<u>10:00</u>
Forecast of Maximum Mixing Height	<u>4,429</u> feet
Forecast for Morning surface winds	<u>W 20 to 35</u> mph
Forecast for afternoon surface winds	<u>W 20 to 35</u> mph
Forecast for evening surface winds	<u>W 20 to 35</u> mph
Forecast 10 AM - 3 PM transport winds	<u>W 28</u> mph

Comments/Complaints: NO BURN DAY. High winds from 20 to 35 MPH and Gust Winds 50 MPH.

Burn Hours _____ ARB No Burn Day _____ District called No Burn Day X

Total actually burned today _____ acres Crops burned _____

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int MAC

Fig A-9: Is a copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on May 6, 2014

FIGURE A-10
AIR QUALITY NOTIFICATION
MAY 5, 2014

Imperial Valley Air Quality Alert

Brawley - 220 Main Street

Monday, May 5 - 11:00 PM

PM10 (24-hr average) AQI reached 122 - **Unhealthy for Sensitive Groups**

PM10 AQI 101-150 People with respiratory or heart disease, the elderly, and children are the groups most at risk, especially when they are physically active. There is an increased likelihood of respiratory symptoms in sensitive individuals, and aggravation of heart or lung disease and premature mortality in persons with cardiopulmonary disease and the elderly. U.S. EPA cautions that "people with heart or lung disease, older adults, and children should reduce prolonged or heavy exertion." 'Prolonged' generally means four or more hours with short rest periods. 'Heavy exertion' is that which would increase the resting breathing rate four fold or greater. You can reduce exposure to particulate material by: - Reducing the intensity and duration of your outdoor activities - Postponing outdoor activities to days when particulate levels are lower

Current Maximum AQI for Other Imperial Valley Cities

Calexico - Ethel Street: **Moderate** (PM2.5)

El Centro - 9th Street: **Good** (Ozone)

Niland - English Road: **Unhealthy for Sensitive Groups** (PM10)

This notification was issued by the Imperial Valley Air Pollutio

Fig A-10: A web-based air quality alert was issued by the ICAPCD notifying the public that air quality had reached an unhealthy level

FIGURE A-11
AIR QUALITY NOTIFICATION
MAY 6, 2014

Imperial Valley Air Quality Alert

Brawley - 220 Main Street

Tuesday, May 6 - 4:00 AM

PM10 (24-hr average) AQI reached 151 - **Unhealthy**

PM10 AQI 151-200 People with respiratory or heart disease, the elderly, and children are the groups most at risk, especially when they are physically active. Persons with cardiopulmonary disease and the elderly may experience increased aggravation of heart or lung disease and premature mortality. The general population may experience increased respiratory effects. U.S. EPA cautions that "people with heart or lung disease, older adults, and children should avoid prolonged or heavy exertion. Everyone else should reduce prolonged or heavy exertion." 'Prolonged' generally means four or more hours with short rest periods. 'Heavy exertion' is that which would increase the resting breathing rate four fold or greater. You can reduce exposure to particulate material by: - Reducing the intensity and duration of your outdoor activities - Postponing outdoor activities to days when particulate levels are lower

Current Maximum AQI for Other Imperial Valley Cities

Calexico - Ethel Street: **Unhealthy for Sensitive Groups** (PM2.5)

El Centro - 9th Street: **Good** (Ozone)

Niland - English Road: **Unhealthy for Sensitive Groups** (PM10)

This notification was issued by the Imperial Valley Air Pollution Control District. Visit <http://www.imperialvalleyair.org> for current readings, ozone movies, and additional air quality information.

All observational data on this web site are not verified or validated and should be considered preliminary. From time to time error codes are included into the calculations for the AQI – for verification please contact the Air District office.

To change your AirAlert subscription, go to <http://www.imperialvalleyair.org/airalert.cfm>

For more information on how the AQI is calculated, visit [Air Now](#).

Fig A-11: A web-based air quality alert was issued by the ICAPCD notifying the public that air quality had reached an unhealthy level

FIGURE A-12
MAY 6, 2014 FILED COMPLAINT – FARM EQUIPMENT

IMPERIAL COUNTY
 AIR POLLUTION CONTROL DISTRICT
 COMPLAINT # 16732

Miguel

Date <u>5/6/14</u>	Time <u>7:32am</u>	Initial <u>MAC</u>	Supplemental <u>#6726</u>
Complainant Name: <u>Edward Enriquez</u>			
Complainant Address: <u>1625 Thruway Rd., Holtville CA.</u>			
Phone: <u>(760) 960-6656</u>			
Smoke:	<input checked="" type="checkbox"/> Dust	Open Fire:	Ag Related:
		Odors:	Other:
<u>Blowing dust from neighbor 3 houses</u>			
<u>next to him.</u>			
Statement of Source (Inspector's Report):			

Fig A-12: Is a copy of a filed dust complaint made by a resident of Imperial County on May 6, 2014. The complainant described dust emanating from farm equipment traffic a lot across the compliant residence. The factual conclusion arrived by the investigating inspector concluded that dust emissions were emanating from the open fields around the area and not the cited lot. No violations were issued. Holtville is located approximately 20 miles, East of Brawley (closest monitor)

FIGURE A-13
MAY 6, 2014 FILED COMPLAINT – OCOTILLO WIND

IMPERIAL COUNTY
 AIR POLLUTION CONTROL DISTRICT
 COMPLAINT # 10733

Date <u>5/6/14</u>	Time <u>10:25am</u>	Initial <u>UC</u>	Supplemental		
Complainant Name: <u>Parke Ewing</u>					
Complainant Address: <u>Ocotillo</u>					
Phone: <u>760-455-2919</u>					
Smoke:	Dust:	Open Fire:	Ag Related:	Odors:	Other:
<u>Ocotillo Wind Project</u>					
<u>ACCESS RDS</u>					
<u>Turbine 147 - (150-151-152-153)</u>					
<u>WORST</u>					
<u>Very DUSTY</u>					
Statement of Source (Inspector's Report):					

Fig A-13: Is a copy of a filed dust complaint made by a resident of Imperial County on May 6, 2014. The complainant described lots of dust emanating from the Ocotillo Wind Renewable Project. The factual conclusion arrived by the investigating inspector confirmed that dust emissions were emanating from the desert area and not the renewable operation, no violations were issued. The Ocotillo Wind Project is located South, Southwest of the Brawley and Westmorland monitors

FIGURE A-15
IMPERIAL COUNTY AFFIDAVIT
30 PUBLIC NOTICE

AFFIDAVIT OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA

County of Imperial

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk* of the printer of the

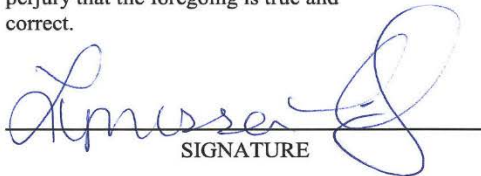
Imperial Valley Press

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

01/10.

all in the year 2018

I certify (or declare) under penalty of perjury that the foregoing is true and correct.


 SIGNATURE

Name of Account: I C AIR POLLUTION
 CONTROL
 Order Number: 11136200
 Ad Number: 31356303

* Printer, Foreman of the Printer, or Principal Clerk of the Printer

Date: 10 th day of January, 2018.
 at El Centro, California.

This space is for the County Clerk's
 Filing Stamp:

**NOTICE OF AVAILABILITY
 OF THE DEMONSTRATION OF THE OCCURRENCE
 OF 13 EXCEPTIONAL EVENTS (EE)**

The Imperial County Air Pollution Control District (Air District) has prepared 13 Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a Federal Reference Method monitor (FRM) or with a continuous Federal Equivalent Method monitor (FEM) represent the 13 Draft EE's.

2014	2015	2016
April 12 - 13 Niland FEM 167.5 ug/m ³ Brawley FEM 166.8 ug/m ³	March 6 Brawley FEM 237 ug/m ³ Westmorland FEM 220 ug/m ³	April 22 Westmorland FEM 192 ug/m ³ Brawley FEM 242 ug/m ³
April 28-26 Brawley FEM 183.4 ug/m ³ Brawley FEM 313.3 ug/m ³	March 11 Brawley FEM 178 ug/m ³ Westmorland FEM 179 ug/m ³	April 24-25 Brawley FRM 186 ug/m ³ Brawley FEM 218 ug/m ³ Westmorland FEM 177 ug/m ³ Brawley FEM 285 ug/m ³ Calexico FEM 173 ug/m ³ Niland FEM 225 ug/m ³ Westmorland FEM 244 ug/m ³
May 5-6 Brawley FRM 269 ug/m ³ Brawley FEM 225.5 ug/m ³ Westmorland FRM 375 ug/m ³ Brawley FEM 439.3 ug/m ³	March 28 Brawley FEM 334 ug/m ³ El Centro FEM 285 ug/m ³ Niland FEM 334 ug/m ³ Westmorland FEM 465 ug/m ³	May 5 Brawley FEM 163 ug/m ³ Niland FEM 172 ug/m ³ Westmorland FEM 227 ug/m ³
May 11 Niland FEM 172.8 ug/m ³	April 14 Niland FEM 172.8 ug/m ³ Westmorland FEM 163 ug/m ³ Brawley FEM 228 ug/m ³	May 15 Niland FEM 216 ug/m ³
June 30 Niland FEM 183.7 ug/m ³		

The public and all interested parties are encouraged to review and comment on the 13 Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 2014, 2015 and 2016 Air District air monitors were affected by entrained elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM10). Winds, associated with a weather event entrained PM10 into the region affecting Riverside, Imperial and San Diego counties. The 13 Draft EE's provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is February 12, 2018 by close of business.

The 13 Draft EE's for days listed above are available for download at the Air District website at www.co.imperial.ca.us, under "Air Pollution". To view a hard copy of any of the 13 Draft EE's, please visit the Air Pollution Control District office at 150 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.

L673 J10

Fig A-15: Is a copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Events Demonstration for May 5, 2014 and May 6, 2014. The date for closing comments was February 12, 2018

FIGURE A-16
IMPERIAL COUNTY COMMENTS
REGARDING THE MAY 5, 2014 AND MAY 6, 2014 EE DEMONSTRATIONS

The ICAPCD received no comments

NWS INDEX

TYPE	DATE	TIME		AGENCY	DESCRIPTION	PAGE
Area Forecast Discussion	5/3/2014	2130	PDT	San Diego	Trough of low pressure deepen along the west coast through Tuesday, May 6, 2014	86
Area Forecast Discussion	5/4/2014	410	PDT	San Diego	Increasing onshore flow-deepening of the marine layer-gusty west winds in the mountains and deserts	89
Area Forecast Discussion	5/4/2014	815	PDT	San Diego	Approach of a cold low-pressure trough from the north. Westerly winds strong and gusty blowing dust in the deserts	92
Area Forecast Discussion	5/4/2014	1309	PDT	San Diego	Approach of a cold low-pressure trough from the north. Westerly winds strong and gusty blowing dust in the deserts	95
Urgent Weather Message	5/4/2014	2000	PDT	San Diego	Wind advisory from 11 am Monday to 9 pm PDT Tuesday	98
Area Forecast Discussion	5/4/2014	2145	PDT	San Diego	A strong late season trough off the coast of Washington this evening will slide down the west coast Monday. By Monday afternoon winds will increase ahead of the advancing trough	100
Urgent Weather Message	5/5/2014	238	MST	Phoenix	Wind advisory from 10 am MST/PDT to 9 pm MST/PDT Tuesday - Imperial County	103
Area Forecast Discussion	5/5/2014	239	PDT	Phoenix	Pacific low-pressure system and cold front forecast to approach Arizona Tuesday. Aviation - KIPL late day westerly push blowing dust possible	104
Urgent Weather Message	5/5/2014	336	PDT	San Diego	High Wind Warning from noon to 3 am PDT Wednesday - areas include Coachella Valley San Diego Deserts	106
Area Forecast Discussion	5/5/2014	355	PDT	San Diego	A low press system near the Pacific Northwest coast will move inland through California Tuesday. Strong gusty winds in the mountains and deserts afternoon through late Tuesday night.	109
Hazardous Weather Outlook	5/5/2014	445	MST	Phoenix	Wind advisory from 10 am MST/PDT to 9 pm MST/PDT Tuesday	112
Area Forecast Discussion	5/5/2014	540	MST	Phoenix	Updated Aviation - Winds increase as strong upper low approaches from the west, KIPL late day westerly push	114

TYPE	DATE	TIME		AGENCY	DESCRIPTION	PAGE
Area Forecast Discussion	5/5/2014	745	MST	Phoenix	Gusty afternoon pre-frontal winds - large cool Pacific low-pressure system moved onshore overnight	116
Area Forecast Discussion	5/5/2014	925	PDT	San Diego	Stronger onshore flow, low pressure trough will move through California late tonight through Tuesday - Strong and gusty west winds in the mountains and deserts afternoon through Tuesday	118
Urgent Weather Message	5/5/2014	1305	PDT	San Diego	High Wind Warning remains in effect till 3 am PDT Wednesday includes Coachella Valley, San Diego County Deserts	121
Urgent Weather Message	5/5/2014	1341	MST	Phoenix	Wind Advisory remains in effect from 10 am MST/PDT to 9 pm MST/PDT Tuesday - Imperial County	124
Area Forecast Discussion	5/5/2014	1342	PDT	San Diego	at 1215 pm - trough over the Pacific northwest moving south into northern California late today into tonight bringing strong and gusty west winds to the mountains and deserts	125
Urgent Weather Message	5/5/2014	2057	PDT	San Diego	High Wind Warning remains in effect till 3 am PDT Wednesday includes Coachella Valley, San Diego County Deserts	128
Area Forecast Discussion	5/5/2014	2125	PDT	San Diego	Impressive long wave trough packed with energy and enough moisture for showers. Strong winds, gusty west winds will affect the areas Tuesday. Surface pressure gradients accelerating stronger onshore this evening	132
Urgent Weather Message	5/6/2014	235	PDT	San Diego	High Wind Warning remains in effect until 3 am PDT Wednesday includes Coachella Valley, San Diego County Deserts	135
Area Forecast Discussion	5/6/2014	236	MST	Phoenix	Surface analysis-broad low pressure across the Great Basin into the Central Rockies - tight pressure packing across California	138
Urgent Weather Message	5/6/2014	256	MST	Phoenix	Wind Advisory remains in effect from 10 am MST/PDT to 9 pm MST/PDT this evening - Imperial County	140
Area Forecast Discussion	5/6/2014	300	PDT	San Diego	Low pressure trough moving into Southern California today. Winds will continue quite strong all day	141
Hazardous Weather Outlook	5/6/2014	513	MST	Phoenix	Wind advisory from 10 am MST/PDT to 9 pm MST/PDT this evening	144
Area Forecast Discussion	5/6/2014	540	MST	Phoenix	Updated Aviation - Strong gusty southwest to west winds expected across southern California deserts	146
Preliminary Local Storm Report	5/6/2014	637	PDT	San Diego	Volcan Mountain (68 mph)- Harrison Park (61 mph)	148
Urgent Weather Message	5/6/2014	811	MST	Phoenix	Wind advisory/Blowing dust Imperial County	150

TYPE	DATE	TIME	AGENCY	DESCRIPTION	PAGE	
Area Forecast Discussion	5/6/2014	904	PDT	San Diego	815 am trough over Central California - slowly move south. Strengthening onshore flow, west winds gusting into the high 50s/low 60s over San Diego mountains	153
Urgent Weather Message	5/6/2014	1018	PDT	San Diego	High Wind Warning remains in effect until 3 am PDT Wednesday includes Coachella Valley, San Diego County Deserts	156
Hazardous Weather Outlook	5/6/2014	1217	MST	Phoenix	Wind advisory from 10 am MST/PDT to 9 pm MST/PDT this evening	159
Area Forecast Discussion	5/6/2014	1430	PDT	San Diego	1215 pm trough over Central California slowly moving south - Strengthening onshore flow, west winds gusting high 50s low 60s over San Diego Mountains - winds diminish a little	161
Short Term Forecast	5/6/2014	1448	PDT	San Diego	Scattered showers isolated thunderstorms moving east at 20 mph over San Gabriel and San Bernardino mountains and the adjacent southern foothills	164
Urgent Weather Message	5/6/2014	1747	PDT	San Diego	High Wind Warning remains in effect until 3 am PDT Wednesday includes Coachella Valley, San Diego County Deserts	165
Public Information Statement	5/6/2014	1758	PDT	San Diego	Top 6 wind gusts: Boulevard 49mph; In Ko Pah 43mph; Ocotillo Wells 42mph; Borrego Springs 42mph	168
Area Forecast Discussion	5/6/2014	1834	PDT	San Diego	Updated for the expiration of the wind advisory for the Valleys and coast-Trough moving through southern California will continue strong and gusty west winds in the mountains and deserts through tonight	170
Urgent Weather Message	5/6/2014	2042	PDT	San Diego	High Wind Warning remains in effect until 3 am PDT Wednesday includes Coachella Valley, San Diego County Deserts	173
Rainfall Storm Total Summary	5/6/2014	2100	PDT	San Diego	Top rainfall amounts from all zones	175
Area Forecast Discussion	5/6/2014	2129	PDT	San Diego	8pm - Upper level low centered over Central Nevada with a trough extending SW just south of Point Conception. Will continue SE across the region this evening	179
Urgent Weather Message	5/7/2014	219	PDT	San Diego	High Wind Warning cancelled	182
Area Forecast Discussion	5/7/2014	230	PDT	San Diego	All showers ended last evening while winds have gradually diminished early this morning	183
Public Information Statement	5/7/2014	704	PDT	San Diego	Latest Wind Reports - Highest 68mph to lowest 35mph	185
Public Information Statement	5/7/2014	704	PDT	San Diego	Strongest Wind gusts since Monday afternoon - highest 68mph to lowest 35mph.	187

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AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
930 PM PDT SAT MAY 3 2014

.SYNOPSIS...

A COOLING TREND WILL BEGIN SUNDAY AS HIGH PRESSURE ALOFT GIVES WAY TO A TROUGH OF LOW PRESSURE THAT WILL DEEPEN ALONG THE WEST COAST THROUGH TUESDAY. IT WILL STILL BE QUITE WARM IN THE DESERTS SUNDAY...BUT BY MONDAY THE TEMPERATURES WILL LOWER TO AROUND SEASONAL AVERAGES. A SHALLOW MARINE LAYER TONIGHT WILL DEEPEN AND SPREAD FARTHER INLAND THE NEXT TWO NIGHTS. LOW CLOUDS MAY NOT CLEAR IN SOME AREAS WEST OF THE MOUNTAINS TUESDAY...AND MAY BE THICK ENOUGH FOR PATCHY DRIZZLE. THE TROUGH WILL BE SLOW TO MOVE EAST...SO TEMPERATURES WILL LIKELY REMAIN BELOW AVERAGE THROUGH WEDNESDAY BEFORE SLOWLY INCREASING THURSDAY AND FRIDAY.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

TEMPERATURES WEST OF THE MOUNTAINS TODAY WERE 3-5 DEGREES LOWER THAN YESTERDAY...BUT IT PROBABLY WASN'T VERY NOTICEABLE BECAUSE IT WAS STILL QUITE HOT FOR EARLY MAY. TEMPERATURES REACHED THE UPPER 80S AND 90S.

TEMP-DEWPOINT SPREADS HAVE NARROWED AT THE COAST THIS EVENING WHERE A SHALLOW MARINE LAYER IS FORMING. PATCHY LOW CLOUDS NEAR THE COAST WILL EXPAND IN COVERAGE AND SPREAD A FEW MILES INLAND OVERNIGHT. THE MARINE LAYER DEPTH WILL REMAIN BELOW 500 FEET TONIGHT...SO DENSE FOG IS LIKELY IN SOME OF THE COASTAL COMMUNITIES WHERE VIS MAY FALL BELOW 1/4 MILE AT TIMES. THE LOW CLOUDS SHOULD MIX OUT BY MIDDAY SUNDAY AS COOLING AHEAD OF A DEEPENING TROUGH WEAKENS THE INVERSION.

THE LOW LEVEL MARINE AIR WILL SPREAD INTO THE WESTERN VALLEYS SUNDAY FOR COOLING WEST OF THE MOUNTAINS. IT WILL STILL BE QUITE WARM IN THE LOWER DESERTS THOUGH...WITH HIGHS IN THE COACHELLA VALLEY AND THE ANZA BORREGO DESERTS ONCE AGAIN FLIRTING WITH 100 DEGREES.

COOLER IN ALL AREAS MONDAY AND TUESDAY WITH A TROUGH DIGGING DOWN THE WEST COAST. THIS TROUGH WILL PROGRESSIVELY DEEPEN THE MARINE LAYER THROUGH TUESDAY AND BRING STRONGER ONSHORE FLOW EACH DAY. RAPID DEEPENING TO AROUND 6000 FEET TUESDAY MAY RESULT IN PATCHY DRIZZLE OR LIGHT RAIN. WINDS AHEAD OF THIS STRONG TROUGH WILL INCREASE TO ADVISORY LEVELS ON MONDAY OVER THE MOUNTAINS AND DESERTS. STRONGEST WINDS ARE EXPECTED TUESDAY WHEN THE TROUGH AXIS AND JET CORE MOVE ACROSS SO-CAL.

THE TROUGH LINGERS OVER THE REGION WEDNESDAY AS SECONDARY SHORTWAVES DROP DOWN THE WEST SIDE OF THE TROUGH...KEEPING THE MARINE LAYER FAIRLY DEEP AND TEMPERATURES IN CHECK. THE TROUGH SLIDES EAST THURSDAY WITH A SLOW RECOVERY OF HEIGHTS FOR GRADUAL WARMING THURSDAY AND FRIDAY.

THE LONG RANGE PROGS SHOW LARGE SPREADS BETWEEN THE MODEL SOLUTIONS NEXT WEEKEND. THE CANADIAN MODEL DEVELOPS A RIDGE OVER THE WEST...THE ECMWF A TROUGH...AND THE GFS NEARLY ZONAL FLOW. A BLEND OF THE ECMWF/GFS WAS USED WHICH RESULTED IN TEMPERATURES SOME 5 TO 10 DEGREES ABOVE AVERAGE. BUT CONFIDENCE IS LOW.

&&

.AVIATION...

040400Z...COAST...AREAS OF LOW STRATUS/FOG WILL OCCUR WITHIN 5-10 MI OF THE COAST OVERNIGHT. TIMING/EXACT LOCATION OF STRATUS/FOG IS UNCERTAIN...BUT IT SHOULD CONTINUE TO DEVELOP BETWEEN 04Z AND 06Z ALONG THE COAST BEFORE STARTING TO SPREAD A FEW MILES INLAND. CIGS WILL BE 300-600 FT MSL WITH TOPS TO 700 FT MSL. VIS WILL LIKELY FALL TO 1-3 MI WITH AREAS OF VIS BELOW 1 MI...ESPECIALLY OVER HIGHER COASTAL TERRAIN. MOST AREAS SHOULD CLEAR EARLY SUNDAY...BEFORE 16Z...WITH VFR CONDITIONS PREVAILING AFTER 16Z SUN. STRATUS SHOULD RETURN SUNDAY EVENING...WITH HIGHER CLOUD BASES.

VALLEYS/MOUNTAINS/DESERTS...MOSTLY SCT CLOUDS ABOVE 20000 FT MSL WILL PREVAIL...AND VIS WILL BE UNRESTRICTED THROUGH SUNDAY.

&&

.MARINE...

A SHALLOW MARINE LAYER COULD CREATE AREAS OF DENSE FOG OVERNIGHT INTO EARLY SUNDAY MORNING. VISIBILITY COULD LOWER TO 1 SM OR LESS AT TIMES.

A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE GUSTY WEST TO NORTHWEST WINDS THAT COULD BECOME HAZARDOUS TO SMALL CRAFT...MAINLY IN THE OUTER WATERS. NW SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUE AFTERNOON/NIGHT.

&&

.FIRE WEATHER...

SUNDAY...RH WILL BE INCREASING WEST OF THE MOUNTAINS AS THE ONSHORE FLOW STRENGTHENS. BREEZY ACROSS THE HIGH DESERTS AND THROUGH THE DESERT PASSES. THE COMBINATION OF LOW RH AND WESTERLY WINDS OF 20 TO 30 MPH WITH HIGHER GUSTS IN THESE AREAS...WILL CREATE SEVERAL HOURS OF CRITICAL FIRE WEATHER CONDITIONS IN AFTERNOON AND EVENING.

FOR MONDAY...GREATER INCREASES IN HUMIDITY WEST OF THE MOUNTAINS...BUT HUMIDITIES WILL REMAIN LOW ACROSS THE HIGH DESERT AND THROUGH AND BELOW THE LOWER DESERT PASSES. FIRE WEATHER

CONDITIONS WILL AGAIN BE ELEVATED IN THESE AREAS DURING THE
AFTERNOON AND EVENING.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

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PUBLIC/FIRE WEATHER...MOEDE

AVIATION/MARINE...MAXWELL

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AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
410 AM PDT SUN MAY 4 2014

.SYNOPSIS...

INCREASING ONSHORE FLOW WILL BRING A COOLING TREND THROUGH MONDAY. THIS WILL ALSO BRING DEEPENING OF THE MARINE LAYER WITH AREAS OF COASTAL LOW CLOUDS AND LOCALLY DENSE FOG NEAR THE COAST EARLY THIS MORNING...EXTENDING INTO PORTIONS OF THE INLAND VALLEYS LATE TONIGHT INTO MONDAY MORNING. THERE WILL BE GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS DURING THE AFTERNOON AND EVENING EACH DAY. A LOW PRESSURE SYSTEM MOVING INLAND THROUGH SOUTHERN CALIFORNIA ON TUESDAY WILL BRING MORE COOLING...DEEPENING OF THE MARINE LAYER...A CHANCE OF LIGHT PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS. FOR WEDNESDAY THROUGH SATURDAY...A WARMING AND DRYING TREND WILL OCCUR WITH WEAKER WINDS AS THE LOW PRESSURE SYSTEM MOVES SLOWLY INLAND. LOCAL NORTHEAST WINDS MAY DEVELOP NEAR THE COASTAL FOOTHILLS LATE IN THE WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TODAY THROUGH TUESDAY)...

RECENT AIRCRAFT SOUNDINGS SHOW THE BASE OF THE MARINE INVERSION AT AROUND 1000 FEET. STRATUS HAS DEVELOPED ALONG THE COASTAL STRIP OF NORTHERN BAJA EXTENDING INTO SOUTHERN SAN DIEGO COUNTY. STRATUS IS EXPECTED TO CONTINUE TO DEVELOP NORTHWARD NEAR THE COAST EARLY THIS MORNING EXTENDING LOCALLY INLAND. FOG COULD BE LOCALLY DENSE NEAR HIGHER COASTAL TERRAIN INLAND TO AROUND THE MESAS. GREATER DEEPENING OF THE MARINE LAYER IS EXPECTED FOR TONIGHT INTO MONDAY WITH STRATUS EXTENDING INLAND INTO PORTIONS OF THE INLAND VALLEYS. COOLING WILL SPREAD INLAND FROM THE COAST TODAY WITH GREATEST COOLING OF AROUND 10 DEGREES NEAR THE COAST TO A FEW DEGREES IN THE DESERTS. COOLING WILL CONTINUE TUESDAY WITH GREATEST COOLING IN THE VALLEYS. INCREASING ONSHORE FLOW WILL BRING GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS EACH AFTERNOON AND EVENING WITH GUSTS TO 45 MPH.

FOR MONDAY NIGHT AND TUESDAY...A LOW PRESSURE SYSTEM WILL MOVE INLAND THROUGH CALIFORNIA. IT WILL BRING MORE COOLING...DEEPENING OF THE MARINE LAYER...AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS TO 55 MPH...MARGINAL ADVISORY STRENGTH. THE MODELS HAVE TRENDED SLIGHTLY STRONGER...ENOUGH TO SUPPORT A CHANCE OF LIGHT PRECIPITATION ALONG AND WEST OF THE MOUNTAINS FOR LATE MONDAY NIGHT INTO TUESDAY...POSSIBLY LINGERING INTO TUESDAY EVENING FOR SOUTHERN AREAS.

&&

.LONG TERM (WEDNESDAY THROUGH SATURDAY)...

THERE WILL BE A WARMING TREND WITH WEAKER WINDS FOR WEDNESDAY THROUGH FRIDAY AS THE TUESDAY LOW PRESSURE SYSTEM MOVES INLAND AND HIGH PRESSURE DEVELOPS OVER THE EASTERN PACIFIC TO THE WEST OF SOUTHERN CALIFORNIA AND NORTHERN BAJA. THE 06Z GFS HAS NOW TRENDED TOWARD THE ECMWF IN SHOWING GREATER TROUGHING NEAR THE WEST COAST NEXT WEEKEND AS A LOW PRESSURE SYSTEM MOVES INLAND THROUGH THE PACIFIC NORTHWEST. THIS WOULD BRING SOME COOLING FOR SATURDAY AND A POSSIBLE RETURN OF COASTAL LOW CLOUDS AND FOG FRIDAY NIGHT AND SATURDAY.

&&

.AVIATION...

041030...COAST...AREAS OF LOW STRATUS/FOG WILL OCCUR WITHIN 5-10 MI OF THE COAST THIS MORNING. CIGS ARE 300-700 FT MSL WITH TOPS TO 900 FT MSL. VIS WILL LIKELY FALL TO 1-3 MI WITH AREAS OF VIS BELOW 1 MI...ESPECIALLY OVER HIGHER COASTAL TERRAIN. MOST AREAS SHOULD CLEAR BY 17Z...WITH VFR CONDITIONS PREVAILING THROUGH THE AFTERNOON. STRATUS SHOULD RETURN SUNDAY EVENING AFTER 05Z...WITH CLOUD BASES A FEW HUNDRED FEET HIGHER.

VALLEYS/MOUNTAINS/DESERTS...MOSTLY SCT CLOUDS ABOVE 20000 FT MSL WILL PREVAIL...WITH UNRESTRICTED VIS THROUGH THIS EVENING.

&&

.MARINE...

A SHALLOW MARINE LAYER COULD CREATE AREAS OF DENSE FOG EARLY THIS MORNING. VISIBILITY COULD LOWER TO 1 SM OR LESS AT TIMES.

A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE GUSTY WEST TO NORTHWEST WINDS THAT COULD BECOME HAZARDOUS TO SMALL CRAFT...MAINLY IN THE OUTER WATERS. NW SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUE AFTERNOON/NIGHT.

&&

.FIRE WEATHER...

INCREASING ONSHORE FLOW WILL BRING A COOLING TREND THROUGH MONDAY WITH HIGHER COASTAL HUMIDITIES SPREADING FARTHER INLAND EACH DAY. THERE WILL BE GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS TO 40 MPH DURING THE AFTERNOON AND EVENING EACH DAY. THOSE GUSTY WINDS WILL BE COUPLED WITH CONTINUED VERY LOW HUMIDITIES TODAY IN THE DESERTS AND DESERT SLOPES OF THE MOUNTAINS WHICH WILL INCREASE THE FIRE DANGER FOR SEVERAL HOURS THIS AFTERNOON THROUGH EARLY EVENING.

A LOW PRESSURE SYSTEM MOVING INLAND THROUGH SOUTHERN CALIFORNIA ON TUESDAY WILL BRING MORE COOLING...DEEPENING OF THE MARINE LAYER...A CHANCE OF LIGHT PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...AND

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County**Appendix A**

GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS TO 55 MPH. FOR WEDNESDAY THROUGH SATURDAY...A WARMING AND DRYING TREND WILL OCCUR WITH WEAKER WINDS AS THE LOW PRESSURE SYSTEM MOVES SLOWLY INLAND. LOCAL NORTHEAST WINDS MAY DEVELOP NEAR THE COASTAL FOOTHILLS LATE IN THE WEEK.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

&&

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PUBLIC/FIRE WEATHER...17

AVIATION/MARINE...TS

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AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
815 AM PDT SUN MAY 4 2014

.SYNOPSIS...

WEAKENING HIGH PRESSURE ALOFT...FOLLOWED BY THE APPROACH OF A COLD...LOW PRESSURE TROUGH FROM THE NORTH...WILL MEAN MUCH COOLER AND MORE HUMID CONDITIONS THROUGH MIDWEEK. WESTERLY WINDS WILL BECOME STRONG AND GUSTY...RESULTING IN BLOWING DUST IN THE DESERTS MONDAY AFTERNOON...AND HAZARDOUS SMALL CRAFT CONDITIONS OVER THE COASTAL WATERS TUESDAY. DAYTIME HIGHS WILL BE 5 TO 15 DEGREES LOWER TODAY...AND ANOTHER 5 TO 15 DEGREES LOWER MONDAY. BY TUESDAY...SCATTERED LIGHT SHOWERS AND CLOUDS WILL HOLD TEMPERATURES IN THE 60S ALL DAY. AS THE TROUGH WEAKENS AND MOVES SLOWLY EAST...FAIR AND WARMER WEATHER WILL PREVAIL...ALONG WITH A SHALLOWER MARINE LAYER.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

A NARROW FINGER OF STRATUS AND FOG MOVED NORTH OVER COASTAL SAN DIEGO COUNTY OVERNIGHT AND EXTENDED TO JUST OFF THE O.C. COAST AT 8 AM PDT. SURFACE PRESSURE GRADIENTS CONTINUED TO ACCELERATE ONSHORE AND WERE RUNNING 3-5 MBS FROM KSAN TO THE DESERTS. THROUGH 8 AM PDT...WINDS WERE LOCALLY GUSTY NEAR AND BELOW THE BANNING PASS AND IN THE SAN DIEGO COUNTY MOUNTAINS AND FOOTHILLS TO 30 MPH...BUT MOST AREAS HAD GUSTS BELOW 20 MPH. THE 12Z MIRAMAR SOUNDING HAD A 7 DEGREE C MARINE INVERSION BASE NEAR 900 FT MSL. WINDS HAD TURNED WESTERLY 10-20 KTS ABOVE THE INVERSION...ALL THE WAY UP TO 30K FT.

MAJOR CHANGES WILL BE OCCURRING OVER THE NEXT 72 HOURS AS THE MASSIVE RIDGE ALOFT WEAKENS AND IS REPLACED BY A DEEP...COLD TROUGH FROM THE NORTH. THE TRANSITION WILL BRING COOLER WEATHER EACH DAY AND A DEEPENING MARINE LAYER THROUGH TUESDAY. BY MON NIGHT...A FEW SHOWERS ARE POSSIBLE AS THE ATMOSPHERE DESTABILIZES...AND THEY MAY LINGER ON THE COASTAL SLOPES THROUGH TUE NIGHT...FUELED BY MOIST...WESTERLY...UPSLOPE FLOW...AND COLD AIR ALOFT. TUESDAY WILL BE A MOSTLY CLOUDY AND COOL DAY AS THE TROUGH AXIS SWINGS OVER SOCAL. IT WILL MOVE EAST OF THE REGION ON WED. THERE WILL BE A SLOW RECOVERY OF HEIGHTS/THICKNESS BEHIND THE TROUGH AS ADDITIONAL DISTURBANCES SLIDE SE IN THE FLOW ALOFT. THIS WILL KEEP SOME MARINE LAYER IN PLACE...AND ALLOW A GRADUAL TEMPERATURE RECOVERY INTO THE END OF THE WEEK.

TEMPERATURES...COOLER EACH DAY THROUGH TUE. THEN A GRADUAL WARMING INTO THE END OF THE WEEK. DAYTIME MAX TEMPS WILL DROP SIGNIFICANTLY THROUGH TUE...AND STAY BELOW AVERAGE BOTH TUE/WED.

PRECIP...THE MODELS ALL INDICATE SOME PRECIP MON NIGHT INTO TUE AS THE MARINE LAYER DEEPENS TO OVER 5K FT. POPS WILL LIKELY BE INCREASED...BUT AMOUNTS LOOK TO BE LIGHT BASED ON THE BEST FCST TRAJECTORY OF THIS TROUGH AND INITIAL HIRES MODEL ESTIMATES. PERHAPS UP TO ONE-TENTH ALONG THE COAST...RANGING TO ONE-HALF INCH OR MORE ON THE COASTAL SLOPES THROUGH TUE NIGHT.

WINDS...THE WINDS WILL BE STRONGER EACH AFTERNOON/EVENING THROUGH MON...WHEN ADVISORY STRENGTH WINDS APPEAR LIKELY ON THE MTN RIDGES AND DESERT SLOPES. GUSTS OF 50 MPH OR MORE ARE POSSIBLE...WHICH COULD RESULT AREAS OF BLOWING DUST AND SAND IN THE DESERTS BOTH MON AND TUE.

LOOKING AHEAD TO NEXT WEEKEND...THE GLOBAL MODEL SOLUTIONS HAVE VARIED WIDELY OVER THE PAST FEW DAYS...BUT APPEAR TO BE TRENDING MORE TOWARD A MODIFIED ECMWF SOLUTION...WHICH WOULD BE FAIR AND SEASONAL WITH NIGHT AND MORNING MARINE CLOUDS ALONG THE COAST.

&&

.AVIATION...

041500Z...COASTAL AREAS...PATCHY LOW CLOUDS AND FOG SPREAD A FEW MILES INLAND IN SAN DIEGO COUNTY EARLY THIS MORNING. CLOUD BASES ARE AROUND 900 FT MSL AND TOPS AROUND 1200 FT MSL. PATCHES OF FOG WITH VIS 3-5SM...LOCALLY 1SM OR BLO. CLOUDS AND FOG EXPECTED TO CLEAR BY 17Z. LOW CLOUDS EXPECTED TO RETURN TO COASTAL TAF SITES AFT 05Z MON WITH BKN-OVC BASES AROUND 1500 FT MSL AND TOPS TO 2000 FT. TIMING IS UNCERTAIN AND COULD VARY SIGNIFICANTLY FROM ONE COASTAL TAF LOCATION TO ANOTHER. LOW CLOUDS AND FOG COULD REACH KONT BY 12Z MON...BUT CONFIDENCE IS NOT HIGH.

ELSEWHERE...SCT-BKN CLOUDS AOA 15000 FT WITH UNRESTRICTED VIS THROUGH MON.

&&

.MARINE...

PATCHY DENSE FOG WITH VISIBILITY 1SM OR LESS NEAR THE COASTLINE THIS MORNING WILL BURN OFF BY 10 AM PDT.

A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE GUSTY WEST TO NORTHWEST WINDS THAT COULD BECOME HAZARDOUS TO SMALL CRAFT...MAINLY IN THE OUTER WATERS. NW SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUE AFTERNOON THROUGH TUE NIGHT.

&&

SURF...INCREASING NW SWELL LATE TUE INTO EARLY WED COULD BRING PERIODS OF ELEVATED SURF TO SOME SOCAL BEACHES.

&&

.FIRE WEATHER...

INCREASING ONSHORE FLOW WILL BRING A COOLING TREND THROUGH MONDAY WITH HIGHER COASTAL HUMIDITIES SPREADING FARTHER INLAND EACH DAY. THERE WILL BE GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS TO 40 MPH DURING THE AFTERNOON AND EVENING EACH DAY. THOSE GUSTY WINDS WILL BE COUPLED WITH CONTINUED VERY LOW HUMIDITIES TODAY IN THE DESERTS AND DESERT SLOPES OF THE MOUNTAINS WHICH WILL INCREASE THE FIRE DANGER FOR SEVERAL HOURS THIS AFTERNOON THROUGH EARLY EVENING.

A LOW PRESSURE SYSTEM MOVING INLAND THROUGH SOUTHERN CALIFORNIA ON TUESDAY WILL BRING MORE COOLING...DEEPENING OF THE MARINE LAYER...A CHANCE OF LIGHT PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS TO 55 MPH. FOR WEDNESDAY THROUGH SATURDAY...A WARMING AND DRYING TREND WILL OCCUR WITH WEAKER WINDS AS THE LOW PRESSURE SYSTEM MOVES SLOWLY INLAND. LOCAL NORTHEAST WINDS MAY DEVELOP NEAR THE COASTAL FOOTHILLS LATE IN THE WEEK.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...NONE.

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PUBLIC...JAD

FIRE WEATHER...17

AVIATION/MARINE...PG

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AFDSGX

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE SAN DIEGO CA

109 PM PDT SUN MAY 4 2014

.SYNOPSIS...

WEAKENING HIGH PRESSURE ALOFT...FOLLOWED BY THE APPROACH OF A COLD...LOW PRESSURE TROUGH FROM THE NORTH...WILL MEAN MUCH COOLER AND MORE HUMID CONDITIONS THROUGH MIDWEEK. WESTERLY WINDS WILL BECOME STRONG AND GUSTY MONDAY INTO TUESDAY...RESULTING IN AREAS OF BLOWING DUST IN THE DESERTS...AND HAZARDOUS SMALL CRAFT CONDITIONS OVER THE COASTAL WATERS. DAYTIME HIGHS WILL BE 5 TO 15 DEGREES LOWER AGAIN ON MONDAY...AND BY TUESDAY...SCATTERED LIGHT SHOWERS AND CLOUDS WILL HOLD TEMPERATURES IN THE 60S ALL DAY WEST OF THE MOUNTAINS. AS THE TROUGH WEAKENS AND MOVES SLOWLY EAST...FAIR AND WARMER WEATHER WILL PREVAIL...ALONG WITH A SHALLOWER MARINE LAYER AND ASSOCIATED NIGHT AND MORNING LOW CLOUDS AND FOG.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

PATCHY LOW CLOUDS DISSIPATED TODAY ALONG THE COAST LEAVING MOSTLY CLEAR SKIES OVER THE REGION THIS AFTERNOON. SURFACE PRESSURE GRADIENTS CONTINUED TO ACCELERATE ONSHORE AND AT MIDDAY WERE RUNNING 5-7 MBS FROM KSAN TO THE DESERTS. WESTERLY WINDS WERE BEGINNING TO PICK UP AS WELL WITH GUSTS OVER 25 MPH BECOMING MORE WIDESPREAD IN THE MOUNTAINS AND DESERTS AT NOON. THE WHITEWATER AREA TOOK TOP HONORS AT 1 PM PDT WITH A GUST TO 37 MPH. MIDDAY TEMPERATURES WERE RUNNING BETWEEN 5 AND 13 DEGREES F BELOW VALUES OBSERVED YESTERDAY.

MAJOR CHANGES WILL BE OCCURRING OVER THE NEXT 48 HOURS AS THE MASSIVE RIDGE ALOFT WEAKENS AND IS REPLACED BY A DEEP...COLD TROUGH FROM THE NORTH. THE TRANSITION WILL BRING COOLER WEATHER EACH DAY AND A DEEPENING MARINE LAYER THROUGH TUESDAY. BY MON NIGHT...A FEW SHOWERS ARE POSSIBLE AS THE ATMOSPHERE DESTABILIZES...AND THEY MAY LINGER ON THE COASTAL SLOPES THROUGH TUE NIGHT...FUELED BY MOIST...WESTERLY...UPSLOPE FLOW...AND COLD AIR ALOFT. TUESDAY WILL BE A MOSTLY CLOUDY AND COOL DAY AS THE TROUGH AXIS SWINGS OVER SOCAL. IT WILL MOVE EAST OF THE REGION ON WED. THERE WILL BE A SLOW RECOVERY OF HEIGHTS/THICKNESS BEHIND THE TROUGH AS ADDITIONAL DISTURBANCES SLIDE SE IN THE FLOW ALOFT. THIS WILL KEEP SOME MARINE LAYER IN PLACE...AND ALLOW A GRADUAL TEMPERATURE RECOVERY INTO THE END OF THE WEEK.

TEMPERATURES...COOLER EACH DAY THROUGH TUE. THEN A GRADUAL WARMING INTO THE END OF THE WEEK. DAYTIME MAX TEMPS WILL DROP SIGNIFICANTLY THROUGH TUE...AND STAY BELOW AVERAGE BOTH TUE/WED.

95

PRECIP...THE MODELS ALL INDICATE SOME PRECIP MON NIGHT INTO TUE NIGHT AS THE MARINE LAYER DEEPENS TO OVER 5K FT. IN ADDITION...THE ANALOG GUIDANCE INDICATES LIGHT PRECIP ACCUMULATION WITH THIS PATTERN OVER SOCAL. POPS HAVE BEEN RAISED...BUT AMOUNTS LOOK TO BE LIGHT BASED ON THE LATEST FORECAST TRAJECTORY OF THIS TROUGH AND INITIAL HIRES MODEL ESTIMATES. PERHAPS UP TO ONE-TENTH INCH ALONG THE COAST...RANGING TO ONE-HALF INCH OR MORE ON THE COASTAL SLOPES THROUGH TUE NIGHT. SOME LIGHT SNOWFALL ACCUMULATION IS POSSIBLE ABOVE 6000 FT AS WELL.

WINDS...THE WINDS WILL BE STRONGER EACH AFTERNOON/EVENING THROUGH MON...WHEN ADVISORY STRENGTH WINDS APPEAR LIKELY ON THE MTN RIDGES AND DESERT SLOPES. GUSTS OF 50 MPH OR MORE LOOK LIKELY...WHICH COULD RESULT AREAS OF BLOWING DUST AND SAND IN THE DESERTS BOTH MON AND TUE.

LOOKING AHEAD TO NEXT WEEKEND...THE GLOBAL MODEL SOLUTIONS HAVE VARIED WIDELY OVER THE PAST FEW DAYS...BUT APPEAR TO BE TRENDING MORE TOWARD A MODIFIED ECMWF SOLUTION...WHICH WOULD KEEP RIDGING MUTED AND FARTHER TO THE WEST...OVER THE EASTPAC. THE RESULT IS A NW FLOW ALOFT AND CONTINUED ONSHORE FLOW. THIS SHOULD KEEP A MARINE LAYER IN PLACE WITH NIGHT AND MORNING CLOUDS AND FOG WEST OF THE MOUNTAINS...OTHERWISE FAIR SKIES AND SEASONAL TEMPERATURES.

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.AVIATION...

042000Z...COASTAL AREAS...MOSTLY CLEAR THIS AFTERNOON. LOW CLOUDS EXPECTED TO RETURN TO COASTAL TAF SITES AFT 05Z MON...WITH BKN-OVC BASES AROUND 1500 FT MSL AND TOPS TO 2000 FT. TIMING IS UNCERTAIN AND COULD VARY SIGNIFICANTLY FROM ONE COASTAL TAF LOCATION TO ANOTHER. LOW CLOUDS AND FOG COULD SPREAD UP TO 20 MILES INLAND BY MON MORNING...OBSCURING HIGHER TERRAIN WITH AREAS OF VIS 1-3SM WHERE CLOUDS AND TERRAIN INTERSECT. LOW CLOUDS AND FOG COULD REACH KONT BY 12Z MON. EXPECT CLEARING TO THE COAST AROUND 17Z MON.

ELSEWHERE...SCT-BKN CLOUDS AOA 15000 FT WITH UNRESTRICTED VIS THROUGH MON.

&&

.MARINE...

A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE GUSTY WEST TO NORTHWEST WINDS THAT WILL BE HAZARDOUS TO SMALL CRAFT...MAINLY IN THE OUTER WATERS. WINDS WILL INCREASE MON EVENING...PEAK AROUND MIDDAY ON TUE THEN GRADUALLY WEAKEN TUE NIGHT INTO WED MORNING. NW SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUE AFTERNOON THROUGH TUE NIGHT.

FOR MORE INFORMATION SEE OUR MARINE WEATHER MESSAGE.

&&

SURF...INCREASING NW SWELL LATE TUE INTO EARLY WED COULD BRING PERIODS OF ELEVATED SURF TO SOME SOCIAL BEACHES.

&&

.FIRE WEATHER...

STRONG AND GUSTY WESTERLY WINDS OF 20 TO 35 MPH INTO THE DESERTS THIS AFTERNOON AND EVENING...COUPLED WITH RH BELOW 15 PERCENT WILL CREATE SEVERAL HOURS OF CRITICAL FIRE WEATHER CONDITIONS. STRONGEST WINDS WILL OCCUR OVERNIGHT ON THE DESERT SLOPES AND FOOTHILLS WITH LOCAL GUSTS OF 45 TO 50 MPH POSSIBLE AT TIMES. FIRE WEATHER CONDITIONS WILL REMAIN ELEVATED THROUGH THE NIGHT INTO THE DESERTS. CONDITIONS WILL IMPROVE AROUND SUNRISE AS WINDS TEMPORARILY WEAKEN.

THE WESTERLY WINDS WILL INCREASE AGAIN AND BECOME MORE WIDESPREAD ACROSS THE MOUNTAINS AND DESERTS MONDAY AFTERNOON/EVENING...BUT RH WILL BE INCREASING.

WEST OF THE MOUNTAIN CRESTS...CONDITIONS WILL BE IMPROVING AS RH INCREASES AND ONSHORE FLOW DEEPENS THE MARINE LAYER THROUGH TUESDAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...NONE.

PZ...SMALL CRAFT ADVISORY FROM 8 PM MONDAY TO 11 AM PDT WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT 30 NM...WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC/FIRE WEATHER...JAD
AVIATION/MARINE...PG

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WWUS76 KSGX 050300

NPWSGX

URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE SAN DIEGO CA

800 PM PDT SUN MAY 4 2014

...STRONG AND GUSTY WESTERLY WINDS IN THE MOUNTAINS AND DESERTS
MONDAY AND TUESDAY...

.A DEEP TROUGH OF LOW PRESSURE WILL MOVE DOWN THE WEST COAST
MONDAY...AND THEN TRACK DIRECTLY ACROSS SOUTHERN CALIFORNIA
TUESDAY. GUSTY WEST WINDS AHEAD OF THIS TROUGH WILL INCREASE OVER
THE MOUNTAINS AND DESERTS MONDAY MORNING AND REMAIN STRONG THROUGH
TUESDAY EVENING. WINDS GUSTS OF 45 TO 55 MPH ARE LIKELY OVER THE
MOUNTAINS AND DOWN THE EASTERN SLOPES INTO THE DESERTS. THE
STRONGEST AND MOST WIDESPREAD WINDS ARE EXPECTED TUESDAY. THE
WINDS WILL DECREASE TUESDAY NIGHT AS THE TROUGH MOVES EAST.

CAZ055-056-058-060>062-051300-

/O.NEW.KSGX.WI.Y.0037.140505T1800Z-140507T0400Z/

SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-

SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-

COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-

800 PM PDT SUN MAY 4 2014

...WIND ADVISORY IN EFFECT FROM 11 AM MONDAY TO 9 PM PDT
TUESDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 11 AM MONDAY TO 9 PM PDT
TUESDAY.

- * WINDS...WEST WINDS INCREASING TO 20 TO 30 MPH...GUSTING TO 55
MPH. WIND GUSTS OF 60 MPH OR GREATER ARE POSSIBLE IN THE
ISOLATED WIND-PRONE AREAS.
- * TIMING...11 AM MONDAY TO 9 PM TUESDAY.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. THE STRONG WIND GUSTS WILL
OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...REDUCED TO A MILE OR LESS IN BLOWING SAND AND DUST
IN THE DESERTS.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT IN THE
MOUNTAINS AND DESERTS. TRAVEL MAY BE IMPACTED ALONG 1-10 IN THE
COACHELLA VALLEY AND I-8 THROUGH THE SAN DIEGO COUNTY MOUNTAINS.
STATE HIGHWAYS 18 AND 247 IN SAN BERNARDINO COUNTY WILL ALSO BE
AFFECTED. DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS WILL
POSE A HAZARD FOR MOTORISTS.

* OUTLOOK...THE WINDS WILL DIMINISH TUESDAY NIGHT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CURRENT WIND GUST REPORTS ON THE WEB:
[HTTP://WWW.WRH.NOAA.GOV/SGX/GMAP/INDEX.PHP](http://www.wrh.noaa.gov/sgx/gmap/index.php)

FOR A DETAILED MAP OF THE HAZARD:
[WWW.WRH.NOAA.GOV/WRH/WHV/?WFO=SGX](http://www.wrh.noaa.gov/wrh/whv/?wfo=sgx)

MOEDE

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Department of Agronomy

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313
FXUS66 KSGX 050449
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
945 PM PDT SUN MAY 4 2014

.SYNOPSIS...

A TROUGH OF LOW PRESSURE WILL BRING INCREASING CLOUDS AND SIGNIFICANT COOLING THROUGH TUESDAY. SCATTERED LIGHT SHOWERS ARE LIKELY MONDAY NIGHT INTO TUESDAY. GUSTY WINDS WILL PRODUCE AREAS OF BLOWING DUST AND SAND IN THE DESERTS...AND ALSO CREATE HAZARDOUS BOATING CONDITIONS OVER THE COASTAL WATERS. THE TROUGH WEAKENS AND MOVES SLOWLY EAST WEDNESDAY...FOLLOWED BY SLOW WARMING AND A SHALLOWER MARINE LAYER THURSDAY AND FRIDAY.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

A STRONG...LATE SEASON TROUGH OFF THE COAST OF WASHINGTON THIS EVENING WILL SLIDE DOWN THE WEST COAST MONDAY...THEN MOVE ACROSS SOUTHERN CALIFORNIA LATE TUESDAY. THIS SYSTEM WILL BRING QUITE A DRAMATIC CHANGE TO OUR WEATHER WITH SCATTERED SHOWERS AND GUSTY WINDS MONDAY NIGHT AND TUESDAY...ALONG WITH SIGNIFICANTLY COOLER WEATHER.

BY MONDAY AFTERNOON THE 850 MB WINDS INCREASE AHEAD OF THE ADVANCING TROUGH TO 30-40 KT OVER THE MOUNTAINS. A WIND ADVISORY HAS BEEN ISSUED FOR THE MTNS AND DESERTS FROM MONDAY AFTERNOON THROUGH TUESDAY EVENING FOR 20-30 MPH SUSTAINED WINDS WITH GUSTS OF 45-55 MPH. MOUNTAIN WAVE POTENTIAL EXISTS MONDAY AFTERNOON AND MONDAY NIGHT WITH A STABLE LAYER ALOFT...BUT THE WRF CROSS SECTIONS KEEP THE STRONGEST WINDS FROM SURFACING ON THE DESERT FLOOR. NEVERTHELESS...THE STRONG WINDS WILL CREATE HAZARDOUS TRAVEL CONDITIONS...AND KICK UP AREAS OF BLOWING DUST AND SAND IN THE DESERTS. ROTORS ARE LIKELY IN THE COACHELLA VALLEY. IT WILL ALSO BE WINDY WEST OF THE MOUNTAINS ON TUESDAY...STRONGEST AT THE COAST WITH 15-25 MPH WINDS GUSTING TO 30 MPH.

TUESDAY WILL BE A CLOUDY AND COOL DAY WITH TEMPERATURES 10 TO 20 DEGREES BELOW NORMAL IN THE VALLEYS...MOUNTAINS AND DESERTS. SHOWERS ARE LOOKING MORE LIKELY TOO. RAPID MARINE LAYER DEEPENING TO AROUND 6000 FEET TUESDAY ALONG WITH STRONG UPSLOPE FLOW...A STRONG UPPER LEVEL SHORT WAVE...AND COLD AIR ALOFT WILL GENERATE SCATTERED SHOWERS MONDAY NIGHT AND TUESDAY. SHOWERS LINGER INTO TUESDAY NIGHT IN THE MOUNTAINS BEFORE ENDING. PRECIP AMOUNTS WILL BE HIGHLY VARIABLE WITH A FEW HUNDREDTHS TO TWO TENTHS OF AN INCH WEST OF THE MOUNTAINS...TO A QUARTER TO HALF INCH OVER THE MOUNTAINS. THE WRF MODEL SHOWS ISOLATED HIGHER AMOUNTS OF THREE QUARTERS OF AN INCH.

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

SNOW LEVELS WILL LOWER TO AROUND 5500 FEET ON TUESDAY WITH SMALL ACCUMULATIONS OF SNOW ABOVE 6000 FEET.

THE TROUGH SLOWLY MOVES EAST WEDNESDAY BUT IT WILL BE A SLOW PROCESS. SO WEDNESDAY WILL BE ANOTHER COOL DAY WITH ONLY A FEW DEGREES OF WARMING MOST AREAS.

THURSDAY THROUGH SUNDAY...LONG RANGE PROGS IN BETTER AGREEMENT WITH A TREND TOWARD WEAK RIDGING OR ZONAL NORTHWEST FLOW THROUGH THE PERIOD FOR SEASONAL WEATHER AND TEMPERATURES.

&&

.AVIATION...

050420Z...COAST/VALLEYS...AREAS OF STRATUS WILL SPREAD 20-30 MI INLAND OVERNIGHT WITH BASES MOSTLY 1000-1500 FT MSL...RISING TO AROUND 2000 FT MSL AFTER 15Z MON. TOPS WILL BE 2000 FT MSL...RISING TO 2500 FT MSL AFTER 15Z MON. HIGHER TERRAIN WILL BE LOCALLY OBSCURED. MOST VIS WILL BE OVER 5 MI EXCEPT NEAR TERRAIN OBSCURATIONS. STRATUS WILL CLEAR 15-17Z MON IN THE VALLEYS AND 17-19Z NEAR THE COAST...WITH SOME LINGERING STRATUS NEAR THE BEACHES MON AFTERNOON. STRATUS WILL RAPIDLY SPREAD INLAND MONDAY EVENING.

MTNS/DESERTS...MOSTLY SCT CLOUDS ABOVE 20000 FT MSL THROUGH MON WITH UNRESTRICTED VIS...EXCEPT FOR LOCAL BLOWING DUST IN THE DESERTS MON AFTERNOON. LOCAL SFC GUSTS FROM THE WEST OVER 40 KNOTS WILL OCCUR NEAR MTN CRESTS...DESERT SLOPES AND EAST OF PASSES AFTER 18Z MONDAY...AND WILL BE ACCOMPANIED BY UP/DOWNDRAFTS AND LLWS...WITH A ROTOR POSSIBLE NEAR KPSP.

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.MARINE...

A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT WITH GUSTS TO 30 KT WHICH WILL BE HAZARDOUS TO SMALL CRAFT IN BOTH THE INNER AND OUTER WATERS. WINDS WILL INCREASE MON EVENING...PEAK TUE THEN GRADUALLY WEAKEN TUE NIGHT/WED MORNING. NW SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUE AFTERNOON/NIGHT. SEE LAXMWWSGX FOR INFO ON THE SMALL CRAFT ADVISORY.

&&

SURF...INCREASING NW SWELL LATE TUE INTO EARLY WED COULD BRING ELEVATED SURF TO SOME SOCAL BEACHES.

&&

.FIRE WEATHER...

WESTERLY WINDS INCREASING AND BECOMING WIDESPREAD ACROSS THE MOUNTAINS AND DESERTS MONDAY AFTERNOON/EVENING THROUGH TUESDAY EVENING. A WIND ADVISORY IS IN EFFECT FROM 11 AM MONDAY TO 9 PM TUESDAY.

WEST OF THE MOUNTAIN CRESTS...CONDITIONS WILL BE IMPROVING AS RH INCREASES AND ONSHORE FLOW DEEPENS THE MARINE LAYER THROUGH TUESDAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...WIND ADVISORY FROM 11 AM MONDAY TO 9 PM PDT TUESDAY FOR THE APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN BERNARDINO COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

PZ...SMALL CRAFT ADVISORY FROM 8 PM MONDAY TO 11 AM PDT WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT 30 NM...WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC/FIRE WEATHER...MOEDE
AVIATION/MARINE...MAXWELL

IOWA STATE UNIVERSITY

College of Ag

Department of Agronomy

Department of Agronomy

716 Farm House Ln

Ames, IA 50011

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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
238 AM MST MON MAY 5 2014

AZZ020-CAZ031>033-052230-
/O.NEW.KPSR.WI.Y.0008.140506T1700Z-140507T0400Z/
LOWER COLORADO RIVER VALLEY AZ-LOWER COLORADO RIVER VALLEY CA-
RIVERSIDE COUNTY/EASTERN DESERTS-IMPERIAL COUNTY-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...BLYTHE...
CHIRIACO SUMMIT...DESERT CENTER...BRAWLEY...CALEXICO...EL CENTRO
238 AM MST MON MAY 5 2014 /238 AM PDT MON MAY 5 2014/

...WIND ADVISORY IN EFFECT FROM 10 AM MST /10 AM PDT/ TO 9 PM MST
/9 PM PDT/ TUESDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 10 AM MST /10 AM PDT/ TO 9 PM
MST /9 PM PDT/ TUESDAY.

* AFFECTED AREA...SOUTHEAST CALIFORNIA AND THE LOWER COLORADO RIVER
VALLEY...INCLUDING PARKER...BLYTHE...AND EL CENTRO.

* TIMING...LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING.

* WINDS...WEST SOUTHWEST WINDS 25 TO 35 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON NORTH-SOUTH ORIENTED ROADWAYS. MOTORISTS ON INTERSTATES 8
AND 10 WILL ALSO EXPERIENCE HIGH WINDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

294
FXUS65 KPSR 050939
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
239 AM MST MON MAY 5 2014

.SYNOPSIS...
HIGH PRESSURE WILL WEAKEN TODAY WITH SLIGHTLY COOLER TEMPERATURES AND BREEZY CONDITIONS THIS AFTERNOON. A PACIFIC LOW PRESSURE SYSTEM AND COLD FRONT IS FORECAST TO APPROACH ARIZONA TUESDAY AFTERNOON...GENERATING WINDY AND COOLER CONDITIONS REGION WIDE. THE COOLER AIR WILL REMAIN IN PLACE THROUGH THURSDAY UNDER MOSTLY CLEAR SKIES. DRY AND WARMER WEATHER IS FORECAST FOR FRIDAY INTO THE WEEKEND.

&&

.DISCUSSION...
TODAY WILL BE A BIT OF A TRANSITION DAY AS THE UPPER LEVEL RIDGE THAT HAD BEEN IN PLACE BREAKS DOWN WHILE SHIFTING EASTWARD. THE NEXT WEATHER SYSTEM TO AFFECT OUR REGION IS CURRENTLY SITUATED JUST OFF THE PACIFIC NORTHWEST COAST...BUT IS ALREADY STARTING TO KNOCK DOWN OUR HEIGHTS AND SHIFT SOME UPPER LEVEL MOISTURE SOUTHWARD RESULTING IN INCREASING CIRRUS. WE WILL ALSO SEE INCREASING WINDS TODAY AS THE GRADIENT BEGINS TO TIGHTEN. SOUTHWESTERLY WINDS GUSTING INTO THE 20-30 MPH RANGE SHOULD BE FAIRLY WIDESPREAD THIS AFTERNOON. WINDS WILL REMAIN ON THE HIGHER SIDE AND GUSTY AT TIMES OVERNIGHT TONIGHT ACROSS SOUTHEAST CALIFORNIA...ESPECIALLY NEAR RIDGETOPS.

THE PACIFIC LOW PRESSURE SYSTEM WILL MOVE INTO THE GREAT BASIN TONIGHT AND BEGIN TO DEEPEN AS THE UPPER LEVEL LOW BECOMES LESS POSITIVELY TILTED AND CLOSES OFF TO OUR NORTHWEST BY TUESDAY MORNING. MODELS ARE IN GOOD AGREEMENT THE LOW DEEPENS TO AROUND 552DM AT 500MB BY TUESDAY AFTERNOON WHILE ALSO SHOWING A BULLSEYE OF 100 METER HEIGHT FALLS SHIFTING INTO SOUTHEAST CALIFORNIA. THE BIGGEST IMPACT AND FORECAST CONCERN WITH THIS SYSTEM WILL BE THE STRONG WEST SOUTHWESTERLY WINDS ON TUESDAY CREATING DANGEROUS FIRE WEATHER CONDITIONS AND LIKELY AREAS OF BLOWING DUST. MODEL GUIDANCE IS SHOWING ADVISORY LEVEL WINDS STARTING TUESDAY AFTERNOON ACROSS SOUTHEAST CALIFORNIA POSSIBLY INTO FAR SOUTHWEST ARIZONA. THUS...HAVE DECIDED TO ISSUE A WIND ADVISORY FOR THESE AREAS FROM LATE TUESDAY MORNING THROUGH THE EARLY EVENING HOURS WITH THE POTENTIAL FOR SOME GUSTS TO NEAR 50 MPH ACROSS SOUTHEAST CALIFORNIA TUESDAY AFTERNOON. WIND GUSTS ACROSS SOUTH-CENTRAL ARIZONA ARE EXPECTED TO PEAK OUT IN THE 30-35 MPH RANGE.

MOISTURE AVAILABILITY WITH THIS SYSTEM WILL BE FAIRLY LIMITED...AS PER THE USUAL FOR THIS TIME OF YEAR. MOST OF THE MOISTURE WILL BE ABOVE 500MB...BUT WE SHOULD SEE SOME LIMITED LOW LEVEL MOISTURE SNEAK IN THROUGH THE MOUNTAIN GAPS. EXPECTING SURFACE DEW POINTS TO CREEP INTO THE 30S FOR TUESDAY MAINLY WEST OF PHOENIX. AS THE SYSTEM MOVES THROUGH...THE MAIN ENERGY WILL BE FOCUSED WELL TO OUR NORTH MAINLY OVER NORTHERN ARIZONA TUESDAY EVENING AND OVERNIGHT. DUE TO THE LIMITED MOISTURE...THE ONLY CHANCE FOR ANY SHOWERS ACROSS OUR CWA SHOULD BE LATE TUESDAY NIGHT THROUGH WEDNESDAY AFTERNOON ACROSS THE HIGHER TERRAIN NORTH AND EAST OF PHOENIX. HAVE CONTINUED THE LIMITED SLIGHT CHANCE POPS IN THOSE AREAS FOR WEDNESDAY AFTERNOON.

TEMPERATURES WILL TAKE A NOSEDIVE ON TUESDAY AS THE COLD FRONT PROGRESSES THROUGH ARIZONA. HIGHS ACROSS OUR WESTERN ZONES WILL BE 10-15 DEGREES BELOW NORMAL AND AROUND 5 DEGREES BELOW NORMAL ACROSS SOUTH-CENTRAL ARIZONA. AS OF NOW IT LOOKS LIKE THE COLD FRONT SHOULD MOVE THROUGH THE PHOENIX AREA DURING THE AFTERNOON HOURS...SO HIGHS ACROSS THE METRO AREA SHOULD HAVE PLENTY OF TIME TO REACH INTO THE MIDDLE 80S BEFORE IT SWEEPS THROUGH. AS THE UPPER TROUGH TRANSITIONS ACROSS ARIZONA TUESDAY NIGHT AND WEDNESDAY...WEDNESDAY SHOULD BE THE OVERALL COOLEST DAY AS HIGHS WILL GENERALLY ONLY REACH INTO THE MIDDLE TO UPPER 70S EXCEPT FOR THE LOWER 80S ACROSS OUR WESTERN ZONES.

FOR THE LATER PART OF THE WEEK INTO THE WEEKEND...A DRY NORTHWESTERLY UPPER FLOW WILL DOMINATE WITH TEMPERATURES GRADUALLY REBOUNDING TO AROUND NORMAL FOR FRIDAY. BUILDING HEIGHTS WITH 500MB HEIGHTS NEAR 580DM ARE LIKELY FOR THE COMING WEEKEND. THIS SHOULD TRANSLATE INTO HIGHS REACHING WELL INTO THE 90S FOR SATURDAY AND SUNDAY.

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
CLOUDS WILL BE ON THE INCREASE BUT SHOULD REMAIN AOA 25KFT AT ALL
SITES. LIGHT DIURNAL WINDS OVERNIGHT WILL GIVE WAY TO SOME AFTERNOON
WESTERLY BREEZINESS ESPECIALLY CLOSER TO 00Z. COULD BE LOOKING AT
VALUES IN THE 15G25KT RANGE FOR A TIME DURING PEAK HEATING BUT WINDS
SHOULD RELAX LATE MONDAY NIGHT.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...
CLOUDS WILL INCREASE ALONG WITH WINDS DURING THE TAF PERIOD. IPL
COULD BE LOOKING AT A LATE DAY WESTERLY PUSH AROUND 20G30KTS WITH
SLIGHTLY LOWER VALUES AT BLH. BLDU IS ALSO A POSSIBILITY BUT I WILL
LEAVE IT OUT OF THE TAFS AS CONFIDENCE IS TOO LOW. WINDS WILL RELAX
SOMEWHAT WITH THE LOSS OF DAYTIME HEATING BUT SHOULD REMAIN HIGHER
THAN NORMAL RIGHT THROUGH THE END OF THE TAF PERIOD AS LOW PRESSURE
APPROACHES THE AREA AND THE PRESSURE GRADIENT TIGHTENS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

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.FIRE WEATHER...
WEDNESDAY THROUGH SUNDAY...
A PACIFIC WEATHER DISTURBANCE THAT WILL BE MOVING ACROSS THE GREAT
BASIN IS EXPECTED TO BRING GUSTY WINDS AND BELOW NORMAL TEMPERATURES
TO THE REGION ON WEDNESDAY AND THURSDAY. SOME INCREASE IN
CLOUDINESS IS ALSO EXPECTED DURING THIS PERIOD AS WELL...WITH EVEN A
VERY SLIGHT CHANCE FOR A SPRINKLE OR LIGHT SHOWER OVER THE HIGHER
TERRAIN OF SOUTH-CENTRAL AZ ON WEDNESDAY AFTERNOON...AS THE
AFOREMENTIONED WEATHER DISTURBANCE MAKES ITS CLOSEST APPROACH TO THE
REGION. A DRYING AND WARMING TREND IS THEN EXPECTED FROM FRIDAY
THROUGH THE UPCOMING WEEKEND AS HIGH PRESSURE BUILDS EASTWARD BACK
OVER THE REGION...WITH TEMPERATURES APPROACHING 100 AT SOME LOWER
DESERT LOCATIONS BY SUNDAY...WITH WINDS REMAINING MAINLY ON THE
LIGHT SIDE.

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.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...FIRE WEATHER WATCH FROM LATE TUESDAY MORNING THROUGH LATE
TUESDAY AFTERNOON AZZ024.

WIND ADVISORY FROM LATE TUESDAY MORNING THROUGH EARLY TUESDAY
EVENING AZZ020.

CA...WIND ADVISORY FROM LATE TUESDAY MORNING THROUGH EARLY TUESDAY
EVENING CAZ031>033.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...KUHLMAN
AVIATION...LEINS
FIRE WEATHER...PERCHA

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WWUS76 KSGX 051036

NPWSGX

URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE SAN DIEGO CA

336 AM PDT MON MAY 5 2014

...STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS FOR THIS AFTERNOON THROUGH LATE TUESDAY NIGHT...

.A LOW PRESSURE SYSTEM NEAR THE PACIFIC NORTHWEST COAST WILL MOVE THROUGH CALIFORNIA TUESDAY BRINGING STRONGER ONSHORE FLOW. THIS WILL BRING STRONG GUSTY WEST WINDS TO THE MOUNTAINS AND DESERTS THIS AFTERNOON THROUGH LATE TUESDAY NIGHT. IT WILL ALSO BRING GUSTY WEST WINDS NEAR THE COAST INLAND TO THE WESTERN VALLEYS LATE TUESDAY MORNING THROUGH TUESDAY AFTERNOON WITH STRONGEST GUSTS NEAR THE COAST.

CAZ056-058-061-062-052100-

/O.UPG.KSGX.WI.Y.0037.140505T1800Z-140507T0400Z/

/O.NEW.KSGX.HW.W.0010.140505T1900Z-140507T1000Z/

RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-

COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-

336 AM PDT MON MAY 5 2014

...HIGH WIND WARNING IN EFFECT FROM NOON TODAY TO 3 AM PDT WEDNESDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A HIGH WIND WARNING...WHICH IS IN EFFECT FROM NOON TODAY TO 3 AM PDT WEDNESDAY. THE WIND ADVISORY IS NO LONGER IN EFFECT.

* WINDS...WEST WINDS WILL GRADUALLY STRENGTHEN THIS AFTERNOON. PERIODS OF WEST WINDS 25 TO 35 MPH WITH GUSTS TO 60 MPH ARE EXPECTED FOR TONIGHT THROUGH LATE TUESDAY NIGHT. WINDS ARE EXPECTED TO BE STRONGEST TONIGHT AND AGAIN TUESDAY AFTERNOON AND EVENING WITH ISOLATED GUSTS TO 70 MPH POSSIBLE...MAINLY NEAR MOUNTAIN RIDGE TOPS AND ALONG DESERT MOUNTAIN SLOPES.

* TIMING...STRONGEST WINDS ARE EXPECTED FOR TONIGHT AND AGAIN TUESDAY AFTERNOON AND EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. THE STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...REDUCED TO A MILE OR LESS IN BLOWING SAND AND DUST AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE IMPACTED ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH THE SAN DIEGO COUNTY MOUNTAINS.

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County
WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ042-043-050-052100-

/O.EXB.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN DIEGO COUNTY VALLEYS-
336 AM PDT MON MAY 5 2014

...WIND ADVISORY IN EFFECT FROM 10 AM TO 6 PM PDT TUESDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND ADVISORY...WHICH IS IN EFFECT FROM 10 AM TO 6 PM PDT TUESDAY.

* WINDS...AREAS OF WEST WINDS 15 TO 25 MPH WITH GUSTS TO 35 MPH. ISOLATED GUSTS TO 45 MPH...MAINLY NEAR THE COAST.

* LOCATION...STRONGEST WINDS NEAR THE COAST...WITH GUSTY WINDS EXTENDING INLAND INTO PORTIONS OF THE VALLEYS IN SAN DIEGO COUNTY.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ055-060-052100-

/O.EXT.KSGX.WI.Y.0037.140505T1900Z-140507T0400Z/
SAN BERNARDINO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
336 AM PDT MON MAY 5 2014

...WIND ADVISORY NOW IN EFFECT FROM NOON TODAY TO 9 PM PDT TUESDAY...

THE WIND ADVISORY IS NOW IN EFFECT FROM NOON TODAY TO 9 PM PDT TUESDAY.

- * WINDS...AREAS OF SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS TO 55 MPH. ISOLATED STRONGER GUSTS.
- * TIMING...WINDS STRENGTHENING THIS AFTERNOON WITH STRONGEST WINDS TONIGHT AND ANOTHER ROUND OF WINDS NOT QUITE AS STRONG TUESDAY EVENING.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. THE STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...REDUCED TO A MILE OR LESS IN BLOWING SAND AND DUST AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES...ESPECIALLY ON STATE HIGHWAYS 18 AND 247. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS.
- * OUTLOOK...THE WINDS WILL DIMINISH TUESDAY NIGHT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CURRENT WIND GUST REPORTS ON THE WEB:
[HTTP://WWW.WRH.NOAA.GOV/SGX/GMAP/INDEX.PHP](http://www.wrh.noaa.gov/sgx/gmap/index.php)

FOR A DETAILED MAP OF THE HAZARD:
[WWW.WRH.NOAA.GOV/WRH/WHV/?WFO=SGX](http://www.wrh.noaa.gov/wrh/whv/?wfo=sgx)

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**IOWA STATE
UNIVERSITY**

College of Ag

Department of Agronomy

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FXUS66 KSGX 051053
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
355 AM PDT MON MAY 5 2014

.SYNOPSIS...

A LOW PRESSURE SYSTEM NEAR THE PACIFIC NORTHWEST COAST WILL MOVE THROUGH CALIFORNIA TUESDAY. THIS WILL BRING COOLING...STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS THIS AFTERNOON THROUGH LATE TUESDAY NIGHT...AND PRECIPITATION ALONG AND WEST OF THE MOUNTAINS... MAINLY LATE TONIGHT INTO TUESDAY. A WARMING AND DRYING TREND WILL FOLLOW FOR WEDNESDAY THROUGH SUNDAY.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

.SHORT TERM (TODAY THROUGH WEDNESDAY)...

RECENT AIRCRAFT SOUNDINGS SHOW THE MARINE LAYER NEAR 2000 FEET DEEP AND CONTINUING TO DEEPEN. SATELLITE IMAGERY SHOWS THE COASTAL STRATUS SLOWER TO MOVE INLAND INTO THE VALLEYS...CONSISTENT WITH MORE RECENT RUNS OF THE HIGHER RESOLUTION MODELS. HOWEVER...THE STRATUS IS STILL EXPECTED TO PUSH INLAND INTO PORTIONS OF THE INLAND VALLEYS THIS MORNING.

A LOW PRESSURE SYSTEM NEAR THE PACIFIC NORTHWEST COAST WILL MOVE INLAND THROUGH CALIFORNIA TUESDAY. THIS WILL BRING COOLING...STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS THIS AFTERNOON THROUGH LATE TUESDAY NIGHT...AND PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...MAINLY LATE TONIGHT INTO TUESDAY.

A FEW SHOWERS MAY DEVELOP THIS EVENING...BUT THE GREATEST COVERAGE IS EXPECTED FOR LATE TONIGHT INTO TUESDAY MORNING. SHOWERS MAY LINGER IN THE MOUNTAINS AND INLAND VALLEYS TUESDAY AFTERNOON WITH A FEW ADDITIONAL SHOWERS FOR SAN DIEGO COUNTY FROM THE MOUNTAINS WESTWARD TUESDAY EVENING.

RAINFALL AMOUNTS ARE EXPECTED TO RANGE FROM ONE TENTH INCH OR LESS IN COASTAL ORANGE COUNTY AND ONE TENTH TO LOCALLY ONE QUARTER INCH NEAR THE SAN DIEGO COUNTY COAST...TO ONE HALF TO ONE INCH ON THE COASTAL MOUNTAIN SLOPES WITH ISOLATED GREATER AMOUNTS. SNOW LEVELS WILL LOWER TO 6000 TO 6500 FEET LATE TUESDAY AND TUESDAY NIGHT WITH SNOW ACCUMULATIONS OF A FEW INCHES OR LESS POSSIBLE ON THE HIGHER MOUNTAIN PEAKS...MAINLY ABOVE 6500 TO 7000 FEET.

THIS LOW PRESSURE SYSTEM WILL BRING STRONGER ONSHORE FLOW. THIS WILL BRING STRONG GUSTY WEST WINDS TO THE MOUNTAINS AND DESERTS THIS AFTERNOON THROUGH LATE TUESDAY NIGHT. IT WILL ALSO BRING GUSTY WEST

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

WINDS NEAR THE COAST INLAND TO THE WESTERN VALLEYS LATE TUESDAY MORNING THROUGH TUESDAY AFTERNOON WITH STRONGEST GUSTS NEAR THE COAST. STRONGEST WINDS ARE EXPECTED IN THE LEE OF THE NORTH/SOUTH RANGES WITH CROSS SECTIONS OF THE HIGHER RESOLUTION MODELS THROUGH THE SAN DIEGO COUNTY MOUNTAINS AND DESERTS SHOWING THE POTENTIAL FOR MULTIPLE MOUNTAIN WAVES TO SURFACE DOWNSTREAM OF THE SAN DIEGO COUNTY MOUNTAINS TUESDAY AFTERNOON AND EVENING.

SLOWLY WARMER FOR WEDNESDAY AS THE LOWER PRESSURE SYSTEM MOVES EAST.

&&

.LONG TERM (THURSDAY THROUGH SUNDAY)....

FOR THURSDAY THROUGH SUNDAY...DRY WITH A WARMING TREND WITH WEST NORTHWEST FLOW ALOFT AND STRENGTHENING HIGH PRESSURE OVER THE SUBTROPICAL EASTERN PACIFIC. ONSHORE FLOW SHOULD MAINTAIN SOME NIGHT AND MORNING COASTAL LOW CLOUDS AND FOG AND GUSTY LATE AFTERNOON THROUGH LATE EVENING WEST WINDS IN THE MOUNTAINS AND DESERTS.

&&

.AVIATION...

050930Z...AREAS OF LOW CLOUDS WILL CONTINUE TO DEVELOP AT THE COAST AND IN WESTERN VALLEYS. BASES WILL BE 1200-1500 FEET ASL WITH TOPS AROUND 2000 FEET. THESE WILL SCATTER OUT BY 17Z OR 18Z NEAR THE COAST...WITH SOME LINGERING AT THE BEACHES DURING THE AFTERNOON. LOW CLOUDS WILL RAPIDLY REDEVELOP AND SPREAD INLAND AFTER 02Z THIS EVENING WITH BASES AROUND 2000-2500 FEET. WINDS WILL PICK UP IN THE MOUNTAINS AND DESERTS LATE THIS AFTERNOON WITH LOCAL SFC GUSTS FROM THE WEST OVER 40 KNOTS NEAR MOUNTAIN CRESTS...DESERT SLOPES AND EAST OF PASSES. UP/DOWNDRAFTS AND LLWS ARE POSSIBLE IN THESE AREAS...WITH A ROTOR POSSIBLE NEAR KPSP.

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.MARINE...

230 AM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT WITH GUSTS TO 30 KT WHICH WILL BE HAZARDOUS TO SMALL CRAFT IN BOTH THE INNER AND OUTER WATERS. WINDS WILL INCREASE THIS EVENING...PEAK TUESDAY...AND GRADUALLY WEAKEN BY WEDNESDAY MORNING. NORTHWEST SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUESDAY AFTERNOON/NIGHT. SEE LAXMWWSGX FOR INFO ON THE SMALL CRAFT ADVISORY.

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.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

CA...SMALL CRAFT ADVISORY FROM 8 PM THIS EVENING TO 11 AM PDT

WEDNESDAY FOR THE SAN DIEGO COUNTY COASTAL AREAS.

HIGH WIND WARNING FROM NOON TODAY TO 3 AM PDT WEDNESDAY FOR THE COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY FROM 10 AM TO 6 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY VALLEYS.

WIND ADVISORY FROM NOON TODAY TO 9 PM PDT TUESDAY FOR THE APPLE AND LUCERNE VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

PZ...SMALL CRAFT ADVISORY FROM 8 PM THIS EVENING TO 11 AM PDT WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT 30 NM...WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...17

AVIATION/MARINE...MM

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HWOPSR

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE PHOENIX AZ
445 AM MST MON MAY 5 2014

AZZ024-061145-
SOUTHERN GILA COUNTY/TONTO NATIONAL FOREST FOOTHILLS-
445 AM MST MON MAY 5 2014

...FIRE WEATHER WATCH IN EFFECT FROM TUESDAY MORNING THROUGH TUESDAY
EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EAST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.DAYS TWO THROUGH SEVEN...TUESDAY THROUGH SUNDAY.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

FIRE WEATHER WATCH.

GUSTY SOUTHWEST WINDS WILL DEVELOP ON TUESDAY AHEAD OF AN
APPROACHING COLD FRONT. WIND GUSTS TO 35 MPH ARE LIKELY AND IN
COMBINATION WITH VERY DRY AIR THEY WILL LEAD TO ENHANCED FIRE DANGER
DURING THE AFTERNOON HOURS.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ021>023-026>028-061145-
WEST CENTRAL DESERTS-NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-
SOUTHWEST DESERTS-SOUTHWEST MARICOPA COUNTY-
NORTHWEST AND NORTH CENTRAL PINAL COUNTY-
445 AM MST MON MAY 5 2014

...FIRE WEATHER WATCH IN EFFECT FROM TUESDAY MORNING THROUGH TUESDAY
EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTH-CENTRAL
ARIZONA...SOUTHWEST ARIZONA AND WEST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.DAYS TWO THROUGH SEVEN...TUESDAY THROUGH SUNDAY.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

FIRE WEATHER WATCH.

GUSTY SOUTHWEST WINDS WILL DEVELOP ON TUESDAY AHEAD OF AN
APPROACHING COLD FRONT. WIND GUSTS TO 35 MPH ARE LIKELY AND IN
COMBINATION WITH VERY DRY AIR THEY WILL LEAD TO ENHANCED FIRE DANGER
DURING THE AFTERNOON HOURS. THE STRONG WINDS WILL ALSO LIKELY
GENERATE PATCHY BLOWING DUST WHICH COULD SHARPLY RESTRICT
VISIBILITIES.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ020-CAZ031>033-061145-
LOWER COLORADO RIVER VALLEY AZ-LOWER COLORADO RIVER VALLEY CA-
RIVERSIDE COUNTY/EASTERN DESERTS-IMPERIAL COUNTY-
445 AM MST MON MAY 5 2014 /445 AM PDT MON MAY 5 2014/

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

Appendix A

...WIND ADVISORY IN EFFECT FROM 10 AM MST /10 AM PDT/ TO 9 PM MST /9 PM PDT/ TUESDAY...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME WEST-CENTRAL ARIZONA AND EXTREME SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

BREEZY TO LOCALLY WINDY CONDITIONS ARE EXPECTED THIS AFTERNOON AND EVENING. THE GUSTY WINDS MAY EXCEED 30 MPH AT TIMES...AND COMBINED WITH DRY AIR...WILL LIKELY LEAD TO A BRIEF PERIOD OF ENHANCED FIRE DANGER.

.DAYS TWO THROUGH SEVEN...TUESDAY THROUGH SUNDAY.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

WIND ADVISORY.

GUSTY SOUTHWEST WINDS WILL DEVELOP DURING THE DAY ON TUESDAY...AHEAD OF AN APPROACHING COLD FRONT. PEAK GUSTS APPROACHING 45 MPH ARE EXPECTED DURING THE AFTERNOON AND EARLY EVENING HOURS.THE STRONG WINDS WILL LIKELY GENERATE PATCHY BLOWING DUST WHICH COULD SHARPLY RESTRICT VISIBILITIES. MOTORISTS ON NORTH SOUTH ORIENTED ROADS COULD EXPERIENCE GUSTY SHIFTING CROSSWINDS LEADING TO HAZARDOUS DRIVING CONDITIONS.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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CAZ030-061145-
JOSHUA TREE NATIONAL PARK-
445 AM PDT MON MAY 5 2014

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

BREEZY TO LOCALLY WINDY CONDITIONS ARE EXPECTED THIS AFTERNOON AND EVENING. THE GUSTY WINDS MAY EXCEED 35 MPH AT TIMES...AND COMBINED WITH DRY AIR...WILL LIKELY LEAD TO A BRIEF PERIOD OF ENHANCED FIRE DANGER.

.DAYS TWO THROUGH SEVEN...TUESDAY THROUGH SUNDAY.

BREEZY TO LOCALLY WINDY CONDITIONS ARE ALSO EXPECTED ON TUESDAY AFTERNOON IN ASSOCIATION WITH A COLD FRONTAL PASSAGE. WIND GUSTS MAY EXCEED 30 MPH AT TIMES AND BE SUFFICIENT TO CAUSE PATCHY BLOWING DUST AND SAND ACROSS THE LOWER ELEVATIONS.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ025-061145-
YUMA/MARTINEZ LAKE AND VICINITY-
445 AM MST MON MAY 5 2014

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHWEST ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.DAYS TWO THROUGH SEVEN...TUESDAY THROUGH SUNDAY.

GUSTY SOUTHWEST WINDS WILL DEVELOP ON TUESDAY AHEAD OF AN APPROACHING COLD FRONT. WIND GUSTS TO 35 MPH ARE LIKELY TUESDAY AFTERNOON. THE STRONG WINDS COULD GENERATE PATCHY BLOWING DUST WHICH COULD SHARPLY RESTRICT VISIBILITIES.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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FXUS65 KPSR 051240 AAA

AFDPSR

AREA FORECAST DISCUSSION...UPDATED
NATIONAL WEATHER SERVICE PHOENIX AZ
540 AM MST MON MAY 5 2014

.UPDATE...UPDATED AVIATION AND FIRE WEATHER DISCUSSIONS.

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.SYNOPSIS...

HIGH PRESSURE WILL WEAKEN TODAY WITH SLIGHTLY COOLER TEMPERATURES AND BREEZY CONDITIONS THIS AFTERNOON. A PACIFIC LOW PRESSURE SYSTEM AND COLD FRONT IS FORECAST TO APPROACH ARIZONA TUESDAY AFTERNOON...GENERATING WINDY AND COOLER CONDITIONS REGION WIDE. THE COOLER AIR WILL REMAIN IN PLACE THROUGH THURSDAY UNDER MOSTLY CLEAR SKIES. DRY AND WARMER WEATHER IS FORECAST FOR FRIDAY INTO THE WEEKEND.

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.DISCUSSION...

TODAY WILL BE A BIT OF A TRANSITION DAY AS THE UPPER LEVEL RIDGE THAT HAD BEEN IN PLACE BREAKS DOWN WHILE SHIFTING EASTWARD. THE NEXT WEATHER SYSTEM TO AFFECT OUR REGION IS CURRENTLY SITUATED JUST OFF THE PACIFIC NORTHWEST COAST...BUT IS ALREADY STARTING TO KNOCK DOWN OUR HEIGHTS AND SHIFT SOME UPPER LEVEL MOISTURE SOUTHWARD RESULTING IN INCREASING CIRRUS. WE WILL ALSO SEE INCREASING WINDS TODAY AS THE GRADIENT BEGINS TO TIGHTEN. SOUTHWESTERLY WINDS GUSTING INTO THE 20-30 MPH RANGE SHOULD BE FAIRLY WIDESPREAD THIS AFTERNOON. WINDS WILL REMAIN ON THE HIGHER SIDE AND GUSTY AT TIMES OVERNIGHT TONIGHT ACROSS SOUTHEAST CALIFORNIA...ESPECIALLY NEAR RIDGETOPS.

THE PACIFIC LOW PRESSURE SYSTEM WILL MOVE INTO THE GREAT BASIN TONIGHT AND BEGIN TO DEEPEN AS THE UPPER LEVEL LOW BECOMES LESS POSITIVELY TILTED AND CLOSES OFF TO OUR NORTHWEST BY TUESDAY MORNING. MODELS ARE IN GOOD AGREEMENT THE LOW DEEPENS TO AROUND 552DM AT 500MB BY TUESDAY AFTERNOON WHILE ALSO SHOWING A BULLSEYE OF 100 METER HEIGHT FALLS SHIFTING INTO SOUTHEAST CALIFORNIA. THE BIGGEST IMPACT AND FORECAST CONCERN WITH THIS SYSTEM WILL BE THE STRONG WEST SOUTHWESTERLY WINDS ON TUESDAY CREATING DANGEROUS FIRE WEATHER CONDITIONS AND LIKELY AREAS OF BLOWING DUST. MODEL GUIDANCE IS SHOWING ADVISORY LEVEL WINDS STARTING TUESDAY AFTERNOON ACROSS SOUTHEAST CALIFORNIA POSSIBLY INTO FAR SOUTHWEST ARIZONA. THUS...HAVE DECIDED TO ISSUE A WIND ADVISORY FOR THESE AREAS FROM LATE TUESDAY MORNING THROUGH THE EARLY EVENING HOURS WITH THE POTENTIAL FOR SOME GUSTS TO NEAR 50 MPH ACROSS SOUTHEAST CALIFORNIA TUESDAY AFTERNOON. WIND GUSTS ACROSS SOUTH-CENTRAL ARIZONA ARE EXPECTED TO PEAK OUT IN THE 30-35 MPH RANGE.

MOISTURE AVAILABILITY WITH THIS SYSTEM WILL BE FAIRLY LIMITED...AS PER THE USUAL FOR THIS TIME OF YEAR. MOST OF THE MOISTURE WILL BE ABOVE 500MB...BUT WE SHOULD SEE SOME LIMITED LOW LEVEL MOISTURE SNEAK IN THROUGH THE MOUNTAIN GAPS. EXPECTING SURFACE DEW POINTS TO CREEP INTO THE 30S FOR TUESDAY MAINLY WEST OF PHOENIX. AS THE SYSTEM MOVES THROUGH...THE MAIN ENERGY WILL BE FOCUSED WELL TO OUR NORTH MAINLY OVER NORTHERN ARIZONA TUESDAY EVENING AND OVERNIGHT. DUE TO THE LIMITED MOISTURE...THE ONLY CHANCE FOR ANY SHOWERS ACROSS OUR CWA SHOULD BE LATE TUESDAY NIGHT THROUGH WEDNESDAY AFTERNOON ACROSS THE HIGHER TERRAIN NORTH AND EAST OF PHOENIX. HAVE CONTINUED THE LIMITED SLIGHT CHANCE POPS IN THOSE AREAS FOR WEDNESDAY AFTERNOON.

TEMPERATURES WILL TAKE A NOSEDIVE ON TUESDAY AS THE COLD FRONT PROGRESSES THROUGH ARIZONA. HIGHS ACROSS OUR WESTERN ZONES WILL BE 10-15 DEGREES BELOW NORMAL AND AROUND 5 DEGREES BELOW NORMAL ACROSS SOUTH-CENTRAL ARIZONA. AS OF NOW IT LOOKS LIKE THE COLD FRONT SHOULD MOVE THROUGH THE PHOENIX AREA DURING THE AFTERNOON HOURS...SO HIGHS ACROSS THE METRO AREA SHOULD HAVE PLENTY OF TIME TO REACH INTO THE MIDDLE 80S BEFORE IT SWEEPS THROUGH. AS THE UPPER TROUGH TRANSITIONS ACROSS ARIZONA TUESDAY NIGHT AND WEDNESDAY...WEDNESDAY SHOULD BE THE OVERALL COOLEST DAY AS HIGHS WILL GENERALLY ONLY REACH INTO THE MIDDLE TO UPPER 70S EXCEPT FOR THE LOWER 80S ACROSS OUR WESTERN ZONES.

FOR THE LATER PART OF THE WEEK INTO THE WEEKEND...A DRY NORTHWESTERLY UPPER FLOW WILL DOMINATE WITH TEMPERATURES GRADUALLY REBOUNDED TO AROUND NORMAL FOR FRIDAY. BUILDING HEIGHTS WITH 500MB

HEIGHTS NEAR 3800M ARE LIKELY FOR THE COMING WEEKEND. THIS SHOULD TRANSLATE INTO HIGHS REACHING WELL INTO THE 90S FOR SATURDAY AND SUNDAY.

&&

.AVIATION...

SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
APPROACHING PACIFIC LOW WILL LEAD TO INCREASED BREEZINESS FROM THE SOUTHWEST THIS AFTERNOON AND EVENING. SOUTHEAST WINDS WILL TRANSITION TO SOUTHWEST AFTER NOON...WITH GUSTS IN EXCESS OF 20KT LIKELY THRU 02Z OR SO. WINDS TO BACK AROUND TO THE SOUTHEAST AFTER MIDNIGHT TONIGHT AHEAD OF AN APPROACHING COLD FRONT...AT ELEVATED SPEEDS ABOVE 10KT. OTHERWISE EXPECT SCT-BKN CIRRUS DECKS NEXT 24 HOURS.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...
WINDS WILL INCREASE DURING THE TAF PERIOD AS A STRONG UPPER LOW APPROACHES FROM THE WEST. IPL COULD BE LOOKING AT A LATE DAY WESTERLY PUSH AROUND 20G30KTS WITH SLIGHTLY LOWER VALUES AT BLH. BLDU IS ALSO A POSSIBILITY BUT I WILL LEAVE IT OUT OF THE TAFS AS CONFIDENCE IS TOO LOW. WINDS WILL RELAX SOMEWHAT WITH THE LOSS OF DAYTIME HEATING BUT SHOULD REMAIN HIGHER THAN NORMAL RIGHT THROUGH THE END OF THE TAF PERIOD AS LOW PRESSURE APPROACHES THE AREA AND THE PRESSURE GRADIENT TIGHTENS. OTHERWISE EXPECT SCT-BKN CIRRUS DECKS NEXT 24 HOURS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

WEDNESDAY THROUGH SUNDAY...

A PACIFIC WEATHER DISTURBANCE THAT WILL BE MOVING ACROSS THE GREAT BASIN IS EXPECTED TO BRING BREEZY CONDITIONS...WELL BELOW NORMAL TEMPERATURES...AND ELEVATED HUMIDITIES TO THE REGION ON WEDNESDAY AND THURSDAY. SOME INCREASE IN CLOUDINESS IS ALSO EXPECTED DURING THIS PERIOD AS WELL...WITH EVEN A VERY SLIGHT CHANCE FOR A SPRINKLE OR LIGHT SHOWER OVER THE HIGHER TERRAIN OF SOUTH-CENTRAL AZ ON WEDNESDAY AFTERNOON...AS THE AFOREMENTIONED WEATHER DISTURBANCE MAKES ITS CLOSEST APPROACH TO THE REGION. A DRYING AND WARMING TREND IS THEN EXPECTED FROM FRIDAY THROUGH THE WEEKEND AS HIGH PRESSURE BUILDS EASTWARD BACK OVER THE REGION...WITH TEMPERATURES APPROACHING 100 AT SOME LOWER DESERT LOCATIONS BY SUNDAY. MINIMUM RH VALUES WILL LOWER BACK INTO THE SINGLE DIGITS OVER MUCH OF THE LOWER DESERTS ON THE WEEKEND. WINDS ARE EXPECTED TO REMAIN MOSTLY ON THE LIGHT SIDE EACH DAY...WITH JUST TYPICAL AFTERNOON GUSTINESS.

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.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...FIRE WEATHER WATCH FROM LATE TUESDAY MORNING THROUGH LATE TUESDAY AFTERNOON AZZ021>024...AZZ026>028.

WIND ADVISORY FROM LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING AZZ020.

CA...WIND ADVISORY FROM LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING CAZ031>033.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...KUHLMAN

AVIATION...CB/DL

FIRE WEATHER...CB/PERCHA

887
FXUS65 KPSR 051444
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
745 AM MST MON MAY 5 2014

.SYNOPSIS...
HIGH PRESSURE WILL WEAKEN TODAY WITH SLIGHTLY COOLER TEMPERATURES AND BREEZY CONDITIONS THIS AFTERNOON. A PACIFIC LOW PRESSURE SYSTEM AND COLD FRONT IS FORECAST TO APPROACH ARIZONA TUESDAY AFTERNOON...GENERATING WINDY AND COOLER CONDITIONS REGION WIDE. THE COOLER AIR WILL REMAIN IN PLACE THROUGH THURSDAY UNDER MOSTLY CLEAR SKIES. DRY AND WARMER WEATHER IS FORECAST FOR FRIDAY INTO THE WEEKEND.

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.DISCUSSION...
THE COOLER TEMPERATURES FORECAST TODAY LOOK ON TARGET AS ANOTHER LARGE COOL PACIFIC LOW PRESSURE SYSTEM MOVED ONSHORE OVERNIGHT... WITH A COLD FRONT APPROACHING ARIZONA FOR TOMORROW. GUSTY AFTERNOON PRE-FRONTAL WINDS ARE EXPECTED TODAY...I.E. IN THE 20 TO 30 MPH RANGE WITH STRONGER WINDS TOMORROW. A WIND ADVISORY IS STILL IN EFFECT FOR SOUTHEAST CA AND THE COLORADO RIVER VALLEY FOR TOMORROW...ESPECIALLY FOR THE IMPERIAL VALLEY WHERE GUSTS TO 45 MPH ARE POSSIBLE. A FIRE WEATHER WATCH FOR PARTS OF SOUTHWEST AND SOUTH CENTRAL ARIZONA IS ALSO IN EFFECT FOR TOMORROW. CURRENT FORECASTS LOOK OK. NO UPDATES PLANNED. PREVIOUS DISCUSSION BELOW STILL APPLIES.

PREVIOUS DISCUSSION...
TODAY WILL BE A BIT OF A TRANSITION DAY AS THE UPPER LEVEL RIDGE THAT HAD BEEN IN PLACE BREAKS DOWN WHILE SHIFTING EASTWARD. THE NEXT WEATHER SYSTEM TO AFFECT OUR REGION IS CURRENTLY SITUATED JUST OFF THE PACIFIC NORTHWEST COAST...BUT IS ALREADY STARTING TO KNOCK DOWN OUR HEIGHTS AND SHIFT SOME UPPER LEVEL MOISTURE SOUTHWARD RESULTING IN INCREASING CIRRUS. WE WILL ALSO SEE INCREASING WINDS TODAY AS THE GRADIENT BEGINS TO TIGHTEN. SOUTHWESTERLY WINDS GUSTING INTO THE 20-30 MPH RANGE SHOULD BE FAIRLY WIDESPREAD THIS AFTERNOON. WINDS WILL REMAIN ON THE HIGHER SIDE AND GUSTY AT TIMES OVERNIGHT TONIGHT ACROSS SOUTHEAST CALIFORNIA...ESPECIALLY NEAR RIDGETOPS.

THE PACIFIC LOW PRESSURE SYSTEM WILL MOVE INTO THE GREAT BASIN TONIGHT AND BEGIN TO DEEPEN AS THE UPPER LEVEL LOW BECOMES LESS POSITIVELY TILTED AND CLOSES OFF TO OUR NORTHWEST BY TUESDAY MORNING. MODELS ARE IN GOOD AGREEMENT THE LOW DEEPENS TO AROUND 552DM AT 500MB BY TUESDAY AFTERNOON WHILE ALSO SHOWING A BULLSEYE OF 100 METER HEIGHT FALLS SHIFTING INTO SOUTHEAST CALIFORNIA. THE BIGGEST IMPACT AND FORECAST CONCERN WITH THIS SYSTEM WILL BE THE STRONG WEST SOUTHWESTERLY WINDS ON TUESDAY CREATING DANGEROUS FIRE WEATHER CONDITIONS AND LIKELY AREAS OF BLOWING DUST. MODEL GUIDANCE IS SHOWING ADVISORY LEVEL WINDS STARTING TUESDAY AFTERNOON ACROSS SOUTHEAST CALIFORNIA POSSIBLY INTO FAR SOUTHWEST ARIZONA. THUS...HAVE DECIDED TO ISSUE A WIND ADVISORY FOR THESE AREAS FROM LATE TUESDAY MORNING THROUGH THE EARLY EVENING HOURS WITH THE POTENTIAL FOR SOME GUSTS TO NEAR 50 MPH ACROSS SOUTHEAST CALIFORNIA TUESDAY AFTERNOON. WIND GUSTS ACROSS SOUTH-CENTRAL ARIZONA ARE EXPECTED TO PEAK OUT IN THE 30-35 MPH RANGE.

MOISTURE AVAILABILITY WITH THIS SYSTEM WILL BE FAIRLY LIMITED...AS PER THE USUAL FOR THIS TIME OF YEAR. MOST OF THE MOISTURE WILL BE ABOVE 500MB...BUT WE SHOULD SEE SOME LIMITED LOW LEVEL MOISTURE SNEAK IN THROUGH THE MOUNTAIN GAPS. EXPECTING SURFACE DEW POINTS TO CREEP INTO THE 30S FOR TUESDAY MAINLY WEST OF PHOENIX. AS THE SYSTEM MOVES THROUGH...THE MAIN ENERGY WILL BE FOCUSED WELL TO OUR NORTH MAINLY OVER NORTHERN ARIZONA TUESDAY EVENING AND OVERNIGHT. DUE TO THE LIMITED MOISTURE...THE ONLY CHANCE FOR ANY SHOWERS ACROSS OUR CWA SHOULD BE LATE TUESDAY NIGHT THROUGH WEDNESDAY AFTERNOON ACROSS THE HIGHER TERRAIN NORTH AND EAST OF PHOENIX. HAVE CONTINUED THE LIMITED SLIGHT CHANCE POPS IN THOSE AREAS FOR WEDNESDAY AFTERNOON.

TEMPERATURES WILL TAKE A NOSEDIVE ON TUESDAY AS THE COLD FRONT PROGRESSES THROUGH ARIZONA. HIGHS ACROSS OUR WESTERN ZONES WILL BE 10-15 DEGREES BELOW NORMAL AND AROUND 5 DEGREES BELOW NORMAL ACROSS SOUTH-CENTRAL ARIZONA. AS OF NOW IT LOOKS LIKE THE COLD FRONT SHOULD MOVE THROUGH THE PHOENIX AREA DURING THE AFTERNOON HOURS...SO HIGHS ACROSS THE METRO AREA SHOULD HAVE PLENTY OF TIME TO REACH INTO THE MIDDLE 80S BEFORE IT SWEEPS THROUGH. AS THE UPPER TROUGH TRANSITIONS

ACROSS ARIZONA TUESDAY NIGHT AND WEDNESDAY...WEDNESDAY SHOULD BE THE OVERALL COOLEST DAY AS HIGHS WILL GENERALLY ONLY REACH INTO THE MIDDLE TO UPPER 70S EXCEPT FOR THE LOWER 80S ACROSS OUR WESTERN ZONES.

FOR THE LATER PART OF THE WEEK INTO THE WEEKEND...A DRY NORTHWESTERLY UPPER FLOW WILL DOMINATE WITH TEMPERATURES GRADUALLY REBOUNDING TO AROUND NORMAL FOR FRIDAY. BUILDING HEIGHTS WITH 500MB HEIGHTS NEAR 5800M ARE LIKELY FOR THE COMING WEEKEND. THIS SHOULD TRANSLATE INTO HIGHS REACHING WELL INTO THE 90S FOR SATURDAY AND SUNDAY.

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.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
APPROACHING PACIFIC LOW WILL LEAD TO INCREASED BREEZINESS FROM THE SOUTHWEST THIS AFTERNOON AND EVENING. SOUTHEAST WINDS WILL TRANSITION TO SOUTHWEST AFTER NOON...WITH GUSTS IN EXCESS OF 20KT LIKELY THRU 02Z OR SO. WINDS TO BACK AROUND TO THE SOUTHEAST AFTER MIDNIGHT TONIGHT AHEAD OF AN APPROACHING COLD FRONT...AT ELEVATED SPEEDS ABOVE 10KT. OTHERWISE EXPECT SCT-BKN CIRRUS DECKS NEXT 24 HOURS.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...
WINDS WILL INCREASE DURING THE TAF PERIOD AS A STRONG UPPER LOW APPROACHES FROM THE WEST. IPL COULD BE LOOKING AT A LATE DAY WESTERLY PUSH AROUND 20G30KTS WITH SLIGHTLY LOWER VALUES AT BLH. BLDU IS ALSO A POSSIBILITY BUT I WILL LEAVE IT OUT OF THE TAFS AS CONFIDENCE IS TOO LOW. WINDS WILL RELAX SOMEWHAT WITH THE LOSS OF DAYTIME HEATING BUT SHOULD REMAIN HIGHER THAN NORMAL RIGHT THROUGH THE END OF THE TAF PERIOD AS LOW PRESSURE APPROACHES THE AREA AND THE PRESSURE GRADIENT TIGHTENS. OTHERWISE EXPECT SCT-BKN CIRRUS DECKS NEXT 24 HOURS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

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.FIRE WEATHER...
WEDNESDAY THROUGH SUNDAY...
A PACIFIC WEATHER DISTURBANCE THAT WILL BE MOVING ACROSS THE GREAT BASIN IS EXPECTED TO BRING BREEZY CONDITIONS...WELL BELOW NORMAL TEMPERATURES...AND ELEVATED HUMIDITIES TO THE REGION ON WEDNESDAY AND THURSDAY. SOME INCREASE IN CLOUDINESS IS ALSO EXPECTED DURING THIS PERIOD AS WELL...WITH EVEN A VERY SLIGHT CHANCE FOR A SPRINKLE OR LIGHT SHOWER OVER THE HIGHER TERRAIN OF SOUTH-CENTRAL AZ ON WEDNESDAY AFTERNOON...AS THE AFOREMENTIONED WEATHER DISTURBANCE MAKES ITS CLOSEST APPROACH TO THE REGION. A DRYING AND WARMING TREND IS THEN EXPECTED FROM FRIDAY THROUGH THE WEEKEND AS HIGH PRESSURE BUILDS EASTWARD BACK OVER THE REGION...WITH TEMPERATURES APPROACHING 100 AT SOME LOWER DESERT LOCATIONS BY SUNDAY. MINIMUM RH VALUES WILL LOWER BACK INTO THE SINGLE DIGITS OVER MUCH OF THE LOWER DESERTS ON THE WEEKEND. WINDS ARE EXPECTED TO REMAIN MOSTLY ON THE LIGHT SIDE EACH DAY...WITH JUST TYPICAL AFTERNOON GUSTINESS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...FIRE WEATHER WATCH FROM LATE TUESDAY MORNING THROUGH LATE TUESDAY AFTERNOON AZZ021>024...AZZ026>028.

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CA...WIND ADVISORY FROM LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING CAZ031>033.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...VASQUEZ/KUHLMAN
AVIATION...CB/DL
FIRE WEATHER...CB/PERCHA

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434
FXUS66 KSGX 051625
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
925 AM PDT MON MAY 5 2014

.SYNOPSIS...

STRONGER ONSHORE FLOW AND LOWER PRESSURE ALOFT WILL BRING COOLING TODAY. A LOW PRESSURE TROUGH WILL MOVE THROUGH CALIFORNIA LATE TONIGHT THROUGH TUESDAY...BRINGING SIGNIFICANT COOLING...STRONG AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS THIS AFTERNOON THROUGH TUESDAY AND GUSTY WINDS TO THE COASTAL AND VALLEY AREAS LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING...AND PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...MAINLY LATE TONIGHT THROUGH TUESDAY MORNING. A WARMING AND DRYING TREND WILL FOLLOW FOR WEDNESDAY THROUGH SUNDAY AS HIGH PRESSURE GRADUALLY BUILDS ALOFT. THIS WILL RESULT IN A GRADUALLY SHALLOWER MARINE LAYER AS WELL.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

AT 715 AM...WATER VAPOR SATELLITE SHOWED A TROUGH MOVING INLAND OVER THE PACIFIC NORTHWEST...WHILE 8 AM VISIBLE SATELLITE IMAGERY SHOWED STRATUS OVER THE COASTAL AND WESTERN VALLEY AREAS WHICH IS STARTING TO ERODE. THE 12Z MIRAMAR SOUNDING AND RECENT AIRCRAFT SOUNDINGS INDICATE THAT THE MARINE LAYER DEPTH IS UP TO 2000 FEET THIS MORNING. THE STRATUS SHOULD CONTINUE TO CLEAR TODAY BEFORE MOVING BACK INLAND EARLY THIS EVENING. AS THE AFOREMENTIONED TROUGH MOVES SOUTH INTO CALIFORNIA LATE TODAY INTO TONIGHT...THE MARINE LAYER WILL DEEPEN SIGNIFICANTLY...WITH CLOUDS MOVING INTO THE COASTAL SLOPES. WITH THE DEEPER MARINE LAYER AND STRENGTHENING ONSHORE FLOW...COOLING WILL OCCUR TODAY...WITH DAY-TIME HIGHS A FEW DEGREES BELOW NORMAL.

THE TROUGH WILL MOVE INLAND OVER THE REGION TONIGHT THROUGH TUESDAY...BRINGING COOLING...STRONG AND GUSTY WEST WINDS TO THE MOUNTAINS AND DESERTS...SHOWERS OVER AND WEST OF THE MOUNTAINS...AND SOME LIGHT SNOW ABOVE AROUND 6000 FEET. CANSAC WRF AND THE LOCAL WRF SHOW WESTERLY 850 MB WINDS OF 50 KT AND ALSO INDICATE MOUNTAIN WAVE POTENTIAL AT TIMES. THUS...A HIGH WIND WARNING WILL BE IN EFFECT FOR THE SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS AND DESERTS FOR THIS AFTERNOON THROUGH LATE TUESDAY NIGHT...AS WESTERLY WIND GUSTS OF 60 TO 70 MPH WILL BE POSSIBLE. IT WILL BE SLIGHTLY LESS WINDY OVER THE MOUNTAINS AND DESERTS OF SAN BERNARDINO COUNTY...AS THOSE MOUNTAINS ARE ORIENTED WEST TO EAST...WHICH IS LESS FAVORABLE FOR MOUNTAIN WAVES FROM PREDOMINANTLY WESTERLY FLOW. THUS...A WIND ADVISORY WILL BE IN EFFECT FOR THOSE AREAS...WITH GUSTS TO 55 MPH POSSIBLE. THE STRONG WINDS WILL LIKELY PRODUCE AREAS OF BLOWING DUST IN THE

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

DESERTS. MEANWHILE...FOR THE COAST AND VALLEY AREAS...WINDS WILL BE QUITE GUSTY AS WELL...MAINLY DURING THE LATE MORNING AND AFTERNOON HOURS ON TUESDAY AS THE COLD FRONT MOVES THROUGH. A WIND ADVISORY GOES INTO EFFECT FOR THE ORANGE AND SAN DIEGO COUNTY COASTAL AREAS...AND THE SAN DIEGO COUNTY VALLEYS...TOMORROW MORNING AT 10 AM AS WIND GUSTS OF 35-40 MPH WILL BE POSSIBLE IN THOSE AREAS. A WIND ADVISORY MAY ALSO BE NECESSARY FOR THE INLAND EMPIRE.

AS FAR AS PRECIPITATION GOES...LOCAL WRF SHOWS SIGNIFICANTLY LESS PRECIPITATION THAN THE CANSAC WRF...BUT THE CANSAC WRF TENDS TO PERFORM PRETTY WELL WITH PRECIP...AND CONSIDERING THE HEALTHY LOOKING TROUGH MOVING THROUGH WITH GOOD OROGRAPHIC POTENTIAL PROVIDED BY 30-40 KT WEST TO SOUTHWESTERLY WINDS...WE ARE LEANING

TOWARDS THE CANSAC WRF SOLUTION. THUS...RIGHT NOW WE EXPECT ONE TENTH OF AN INCH OR LESS IN COASTAL ORANGE COUNTY AND THE INLAND EMPIRE...ONE TENTH TO LOCALLY ONE QUARTER INCH IN THE SAN DIEGO COUNTY COAST AND VALLEYS...ONE HALF TO ONE INCH ON THE COASTAL MOUNTAIN SLOPES WITH ISOLATED GREATER AMOUNTS...AND A TRACE IN THE DESERTS. SNOW LEVELS WILL LOWER TO 5500 TO 6000 FEET TUESDAY MORNING WITH SNOW ACCUMULATIONS OF A FEW INCHES OR LESS POSSIBLE ON THE HIGHER MOUNTAIN PEAKS...MAINLY ABOVE 6500 TO 7000 FEET. THE TROUGH WILL ALSO BRING SIGNIFICANT COOLING...WITH DAY-TIME HIGHS ON TUESDAY FALLING TO SEVERAL DEGREES BELOW NORMAL FOR THE COAST...AND 15-20 DEGREES BELOW NORMAL ELSEWHERE. IN TERMS OF TIMING OF PRECIPITATION...A FEW SHOWERS MAY ARRIVE THIS EVENING...BUT THE MAIN BRUNT OF THE PRECIPITATION WILL OCCUR TUESDAY MORNING...WITH A FEW SHOWERS LINGERING INTO TUESDAY EVENING.

AS THE TROUGH MOVES OFF TO THE EAST WEDNESDAY...EXPECT SLIGHT WARMING TO OCCUR WITH HIGH PRESSURE ALOFT STARTING TO BUILD. THURSDAY THROUGH SUNDAY...WARMING WILL CONTINUE AS SLOW BUILDING OF HIGH PRESSURE AT 500 MB WITH DRY NORTHWEST FLOW ALOFT. THE MARINE LAYER WILL BECOME SHALLOWER AS WELL.

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.AVIATION...

051530Z...LOW CLOUDS WITH BASES 1800 FT MSL AND TOPS 2500 FT MSL WILL SCATTER OUT BY BETWEEN 05/1600Z-1800Z NEAR THE COAST. SKIES WILL REMAIN FEW/SCT AT THE BEACHES THROUGH THE AFTERNOON. LOW CLOUDS WILL RAPIDLY REDEVELOP AND SPREAD INLAND AFTER 05/0000Z THIS EVENING WITH BASES AROUND 1500-2000 FEET...RISING TO 2000-2500 FEET BY EARLY TUESDAY MORNING. WINDS WILL PICK UP IN THE MOUNTAINS AND DESERTS LATE THIS AFTERNOON WITH LOCAL SFC GUSTS FROM THE WEST OVER 40 KNOTS NEAR MOUNTAIN CRESTS...DESERT SLOPES AND EAST OF PASSES. UP/DOWNRAFTS AND LLWS ARE POSSIBLE IN THESE AREAS...WITH A ROTOR POSSIBLE NEAR KPSP.

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.MARINE...

9 AM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT WITH GUSTS TO 30 KT WHICH WILL BE HAZARDOUS TO SMALL CRAFT IN BOTH THE

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

INNER AND OUTER WATERS. WINDS WILL INCREASE THIS EVENING...PEAK TUESDAY...AND GRADUALLY WEAKEN BY WEDNESDAY MORNING. NORTHWEST SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUESDAY AFTERNOON/NIGHT. SEE LAXMWSGX FOR INFO ON THE SMALL CRAFT ADVISORY.

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.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...SMALL CRAFT ADVISORY FROM 8 PM THIS EVENING TO 11 AM PDT WEDNESDAY FOR THE SAN DIEGO COUNTY COASTAL AREAS.

HIGH WIND WARNING FROM NOON TODAY TO 3 AM PDT WEDNESDAY FOR THE COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY FROM 10 AM TO 6 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY VALLEYS.

WIND ADVISORY FROM NOON TODAY TO 9 PM PDT TUESDAY FOR THE APPLE AND LUCERNE VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

PZ...SMALL CRAFT ADVISORY FROM 8 PM THIS EVENING TO 11 AM PDT WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT 30 NM...WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...HARRISON
AVIATION/MARINE...JT

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951
WWUS76 KSGX 052005
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
105 PM PDT MON MAY 5 2014

...STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS FOR THIS
AFTERNOON THROUGH LATE TUESDAY NIGHT...

...GUSTY WESTERLY WINDS FOR THE COASTAL AND VALLEY LOCATIONS...

.A LOW PRESSURE SYSTEM OVER THE PACIFIC NORTHWEST WILL MOVE
THROUGH CALIFORNIA TONIGHT THROUGH TUESDAY BRINGING STRONGER
ONSHORE FLOW. THIS WILL RESULT IN STRONG AND GUSTY WEST WINDS IN
THE MOUNTAINS AND DESERTS THIS AFTERNOON THROUGH LATE TUESDAY
NIGHT. IT WILL ALSO BRING GUSTY WEST WINDS NEAR THE COAST INLAND
TO THE VALLEYS LATE TUESDAY MORNING THROUGH TUESDAY AFTERNOON
WITH STRONGEST GUSTS NEAR THE COAST. WINDS WILL DIMINISH LATE
TUESDAY NIGHT THROUGH WEDNESDAY AS THE SYSTEM MOVES OFF TO THE
EAST.

CAZ056-058-061-062-060500-
/O.CON.KSGX.HW.W.0010.000000T0000Z-140507T1000Z/
RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
105 PM PDT MON MAY 5 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 3 AM PDT WEDNESDAY...

- * WINDS...WEST WINDS WILL GRADUALLY STRENGTHEN THIS AFTERNOON.
PERIODS OF WEST WINDS 25 TO 35 MPH WITH GUSTS TO 60 MPH...AND
ISOLATED GUSTS TO 70 MPH...ARE EXPECTED FOR TONIGHT THROUGH LATE
TUESDAY NIGHT. STRONGEST WINDS WILL LIKELY OCCUR TONIGHT THROUGH
EARLY TUESDAY MORNING AND AGAIN MID TUESDAY AFTERNOON THROUGH
TUESDAY EVENING.
- * TIMING...STRONGEST WINDS ARE EXPECTED FOR TONIGHT THROUGH EARLY
TUESDAY MORNING AND AGAIN MID TUESDAY AFTERNOON THROUGH TUESDAY
EVENING.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. THE STRONG WIND GUSTS WILL
OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...REDUCED TO A MILE OR LESS IN
BLOWING SAND AND DUST AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT IN THE
MOUNTAINS AND DESERTS. TRAVEL MAY BE IMPACTED ALONG 1-10 IN
THE COACHELLA VALLEY AND I-8 THROUGH THE SAN DIEGO COUNTY
MOUNTAINS. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County
ROADWAYS. DAMAGE TO SOME STRUCTURES IS POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ048-060500-

/O.EXA.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
105 PM PDT MON MAY 5 2014

...WIND ADVISORY IN EFFECT FROM 10 AM TO 6 PM PDT TUESDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND ADVISORY...WHICH IS IN EFFECT FROM 10 AM TO 6 PM PDT TUESDAY.

* WINDS...AREAS OF WEST TO SOUTHWEST WINDS 15 TO 25 MPH WITH GUSTS TO 40 MPH.

* LOCATION...PORTIONS OF THE INLAND EMPIRE.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ055-060-060500-

/O.CON.KSGX.WI.Y.0037.000000T0000Z-140507T0400Z/
SAN BERNARDINO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
105 PM PDT MON MAY 5 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT TUESDAY...

* WINDS...AREAS OF SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS TO 55 MPH. ISOLATED STRONGER GUSTS.

* TIMING...WINDS STRENGTHENING THIS AFTERNOON WITH STRONGEST WINDS TONIGHT AND ANOTHER ROUND OF WINDS NOT QUITE AS STRONG TUESDAY EVENING.

- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. THE STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...REDUCED TO A MILE OR LESS IN BLOWING SAND AND DUST AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES...ESPECIALLY ON STATE HIGHWAYS 18 AND 247. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS.
- * OUTLOOK...THE WINDS WILL DIMINISH TUESDAY NIGHT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ042-043-050-060500-
/O.CON.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN DIEGO COUNTY VALLEYS-
105 PM PDT MON MAY 5 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 10 AM TO 6 PM PDT
TUESDAY...

- * WINDS...AREAS OF WEST WINDS 15 TO 25 MPH WITH GUSTS TO 35 MPH. ISOLATED GUSTS TO 45 MPH...MAINLY NEAR THE COAST.
- * LOCATION...STRONGEST WINDS NEAR THE COAST...WITH GUSTY WINDS EXTENDING INLAND INTO PORTIONS OF THE VALLEYS IN SAN DIEGO COUNTY.
- * IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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803
WMUS75 KPSR 052041
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
141 PM MST MON MAY 5 2014

AZZ025-061300-
/O.EXA.KPSR.WI.Y.0008.140506T1700Z-140507T0400Z/
YUMA/MARTINEZ LAKE AND VICINITY-
INCLUDING THE CITIES OF...FORTUNA FOOTHILLS...YUMA
141 PM MST MON MAY 5 2014

...WIND ADVISORY IN EFFECT FROM 10 AM TO 9 PM MST TUESDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 10 AM TO 9 PM MST TUESDAY.

* AFFECTED AREA...SOUTHEAST CALIFORNIA AND SOUTHWEST
ARIZONA...INCLUDING YUMA...BLYTHE...AND PARKER.

* TIMING...LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING.

* WINDS...WEST TO SOUTHWEST WINDS 25 TO 35 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON NORTH-SOUTH ORIENTED ROADWAYS. MOTORISTS ON INTERSTATES 8
AND 10 WILL ALSO EXPERIENCE HIGH WINDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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AZZ020-CAZ031>033-061300-
/O.CON.KPSR.WI.Y.0008.140506T1700Z-140507T0400Z/
LOWER COLORADO RIVER VALLEY AZ-LOWER COLORADO RIVER VALLEY CA-
RIVERSIDE COUNTY/EASTERN DESERTS-IMPERIAL COUNTY-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...BLYTHE...
CHIRIACO SUMMIT...DESERT CENTER...BRAWLEY...CALEXICO...EL CENTRO
141 PM MST MON MAY 5 2014 /141 PM PDT MON MAY 5 2014/

...WIND ADVISORY REMAINS IN EFFECT FROM 10 AM MST /10 AM PDT/ TO
9 PM MST /9 PM PDT/ TUESDAY...

A WIND ADVISORY REMAINS IN EFFECT FROM 10 AM MST /10 AM PDT/ TO
9 PM MST /9 PM PDT/ TUESDAY.

* AFFECTED AREA...SOUTHEAST CALIFORNIA AND THE LOWER COLORADO
RIVER VALLEY...INCLUDING PARKER...BLYTHE...AND EL CENTRO.

* TIMING...LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING.

* WINDS...WEST SOUTHWEST WINDS 25 TO 40 MPH WITH GUSTS TO 50 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON NORTH-SOUTH ORIENTED ROADWAYS. MOTORISTS ON INTERSTATES 8
AND 10 WILL ALSO EXPERIENCE HIGH WINDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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239

FXUS66 KSGX 052042

AFDSGX

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE SAN DIEGO CA

142 PM PDT MON MAY 5 2014

.SYNOPSIS...

A LOW PRESSURE TROUGH WILL MOVE THROUGH CALIFORNIA LATE TONIGHT THROUGH TUESDAY...BRINGING SIGNIFICANT COOLING...STRONG AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS THIS AFTERNOON THROUGH TUESDAY AND GUSTY WINDS TO THE COASTAL AND VALLEY AREAS LATE TUESDAY MORNING THROUGH EARLY TUESDAY EVENING...AND PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...MAINLY LATE TONIGHT THROUGH TUESDAY MORNING. A WARMING AND DRYING TREND WILL FOLLOW FOR WEDNESDAY THROUGH SATURDAY AS HIGH PRESSURE GRADUALLY BUILDS ALOFT. THIS WILL RESULT IN A GRADUALLY SHALLOWER MARINE LAYER AS WELL.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

AT 1215 PM...WATER VAPOR SATELLITE SHOWED A TROUGH OVER THE PACIFIC NORTHWEST...WHILE 8 AM VISIBLE SATELLITE IMAGERY SHOWED STRATUS ASSOCIATED WITH A COASTAL EDDY STARTING TO MOVE BACK INLAND ALONG THE IMMEDIATE COAST OF SOUTHERN SAN DIEGO COUNTY. AS THE AFOREMENTIONED TROUGH MOVES SOUTH INTO NORTHERN CALIFORNIA LATE TODAY INTO TONIGHT...THE MARINE LAYER WILL DEEPEN SIGNIFICANTLY...WITH CLOUDS MOVING INTO THE COASTAL SLOPES. WITH THE DEEPER MARINE LAYER AND STRENGTHENING ONSHORE FLOW...TEMPERATURES AT THIS TIME TODAY ARE AT LEAST SEVERAL DEGREES LOWER...AND 10-15 DEGREES LOWER IN MANY LOCATIONS...WHAT THEY WERE AT THIS TIME YESTERDAY.

THE TROUGH WILL MOVE INLAND OVER THE REGION TONIGHT THROUGH TUESDAY...BRINGING COOLING...STRONG AND GUSTY WEST WINDS TO THE MOUNTAINS AND DESERTS...SHOWERS OVER AND WEST OF THE MOUNTAINS...AND SOME LIGHT SNOW ABOVE AROUND 6000 FEET. CANSAC WRF AND THE LOCAL WRF SHOW WESTERLY 850 MB WINDS OF 50 KT AND ALSO INDICATE DECENT MOUNTAIN WAVE POTENTIAL AT TIMES. THUS...A HIGH WIND WARNING WILL BE IN EFFECT FOR THE SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS AND DESERTS FOR THIS AFTERNOON THROUGH LATE TUESDAY NIGHT...AS WESTERLY WIND GUSTS OF 60 TO 70 MPH WILL BE POSSIBLE. IT WILL BE SLIGHTLY LESS WINDY OVER THE MOUNTAINS AND DESERTS OF SAN BERNARDINO COUNTY...AS THOSE MOUNTAINS ARE ORIENTED WEST TO EAST...WHICH IS LESS FAVORABLE FOR MOUNTAIN WAVES FROM PREDOMINANTLY WESTERLY FLOW. THUS...A WIND ADVISORY WILL BE IN EFFECT FOR THOSE AREAS...WITH GUSTS TO 55 MPH POSSIBLE. THE STRONG WINDS WILL LIKELY PRODUCE AREAS OF BLOWING DUST IN THE DESERTS. MEANWHILE...FOR THE COAST AND VALLEY AREAS...WINDS WILL BE QUITE GUSTY AS WELL...MAINLY DURING THE LATE

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

MORNING AND AFTERNOON HOURS ON TUESDAY AS THE COLD FRONT MOVES THROUGH. A WIND ADVISORY GOES INTO EFFECT FOR THE ORANGE AND SAN DIEGO COUNTY COASTAL AREAS...AND THE SAN DIEGO COUNTY VALLEYS...TOMORROW MORNING AT 10 AM AS WIND GUSTS OF 35-40 MPH WILL BE POSSIBLE IN THOSE AREAS. THE INLAND EMPIRE WAS ALSO ADDED TO THE WIND ADVISORY...AS THE CANSAC WRF INDICATES THE POTENTIAL FOR 35-40 MPH GUSTS IN THAT AREA.

AS FAR AS PRECIPITATION GOES...LOCAL WRF SHOWS SIGNIFICANTLY LESS PRECIPITATION THAN THE CANSAC WRF...BUT THE CANSAC WRF TENDS TO PERFORM PRETTY WELL WITH PRECIP...AND CONSIDERING THE HEALTHY LOOKING TROUGH MOVING THROUGH WITH GOOD OROGRAPHIC POTENTIAL PROVIDED BY 30-40 KT WEST TO SOUTHWESTERLY WINDS...WE ARE LEANING TOWARDS THE CANSAC WRF SOLUTION. THUS...RIGHT NOW WE EXPECT ONE TENTH OF AN INCH OR LESS IN COASTAL ORANGE COUNTY AND THE INLAND EMPIRE...ONE TENTH TO LOCALLY ONE QUARTER INCH IN THE SAN DIEGO COUNTY COAST AND VALLEYS...ONE HALF TO ONE INCH ON THE COASTAL MOUNTAIN SLOPES WITH ISOLATED GREATER AMOUNTS...AND A TRACE IN THE DESERTS. SNOW LEVELS WILL LOWER TO 5500 TO 6000 FEET TUESDAY MORNING WITH SNOW ACCUMULATIONS OF A FEW INCHES OR LESS POSSIBLE ON THE HIGHER MOUNTAIN PEAKS...MAINLY ABOVE 6500 TO 7000 FEET. THE TROUGH WILL ALSO BRING SIGNIFICANT COOLING...WITH DAY-TIME HIGHS ON TUESDAY FALLING TO SEVERAL DEGREES BELOW NORMAL FOR THE COAST...AND 15-20 DEGREES BELOW NORMAL ELSEWHERE. IN TERMS OF TIMING OF PRECIPITATION...A FEW SHOWERS MAY ARRIVE THIS EVENING...BUT THE MAIN BRUNT OF THE PRECIPITATION WILL OCCUR DURING THE DAY TUESDAY...WITH SOME SHOWERS POSSIBLY LINGERING INTO TUESDAY EVENING.

AS THE TROUGH MOVES OFF TO THE EAST WEDNESDAY...EXPECT SLIGHT WARMING TO OCCUR WITH HIGH PRESSURE ALOFT STARTING TO BUILD. THURSDAY THROUGH SATURDAY...WARMING WILL CONTINUE AS SLOW BUILDING OF HIGH PRESSURE AT 500 MB WITH DRY NORTHWEST FLOW ALOFT. THE MARINE LAYER WILL BECOME SHALLOWER AS WELL. THE 12Z ECMWF AND GEM BOTH SHOW A LARGE LOW PRESSURE SYSTEM DEVELOPING OVER THE GREAT BASIN ON SUNDAY...WHICH WOULD BRING STRONG ONSHORE FLOW...A DEEP MARINE LAYER AND COOLING FOR OUR AREA...WHILE THE 12Z GFS CONTINUES WITH DRY NORTHWEST FLOW ALOFT AND WARMING.

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.AVIATION...

052030Z...SKIES WILL REMAIN FEW/SCT AT THE BEACHES THROUGH THE AFTERNOON WITH BASES 1800 FT MSL AND TOPS 2500 FT MSL. LOW CLOUDS WILL RAPIDLY REDEVELOP AND SPREAD INLAND AFTER 05/0100Z THIS EVENING WITH BASES AROUND 1500-2000 FEET...RISING TO 2000-2500 FEET BY EARLY TUESDAY MORNING. WINDS WILL PICK UP IN THE MOUNTAINS AND DESERTS LATE THIS AFTERNOON WITH LOCAL SFC GUSTS FROM THE WEST OVER 40 KNOTS NEAR MOUNTAIN CRESTS...DESERT SLOPES AND EAST OF PASSES. UP/DOWNRAFTS AND LLWS ARE POSSIBLE IN THESE AREAS...WITH A ROTOR POSSIBLE NEAR KPSP.

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.MARINE...

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

1 PM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT WITH GUSTS TO 30 KT WHICH WILL BE HAZARDOUS TO SMALL CRAFT IN BOTH THE INNER AND OUTER WATERS. WINDS WILL INCREASE THIS EVENING...PEAK TUESDAY...AND GRADUALLY WEAKEN BY WEDNESDAY MORNING. NORTHWEST SWELLS WILL ALSO INCREASE...RESULTING IN COMBINED SEAS NEAR 10 FEET IN THE OUTER WATERS NEAR SAN CLEMENTE ISLAND TUESDAY AFTERNOON/NIGHT. SEE LAXMWWSGX FOR INFO ON THE SMALL CRAFT ADVISORY.

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.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 9 PM PDT TUESDAY FOR THE APPLE AND LUCERNE VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

WIND ADVISORY FROM 10 AM PDT TUESDAY TO 6 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY VALLEYS...AND SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE.

PZ...SMALL CRAFT ADVISORY FROM 8 PM THIS EVENING TO 11 AM PDT WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT 30 NM...WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...HARRISON
AVIATION/MARINE...JT

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WWUS76 KSGX 060357

NPWSGX

URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE SAN DIEGO CA

857 PM PDT MON MAY 5 2014

...STRONG GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS FOR THIS AFTERNOON THROUGH LATE TUESDAY NIGHT...

...GUSTY WESTERLY WINDS FOR THE COASTAL AND VALLEY LOCATIONS...

.A STRONG LOW PRESSURE SYSTEM MOVING DOWN THE CALIFORNIA COAST TONIGHT WILL TRACK ACROSS SOUTHERN CALIFORNIA TUESDAY EVENING. THIS STORM WILL BRING THE STRONGEST WEST WINDS TO THE MOUNTAINS AND DESERTS WITH GUSTS OF 60 MPH. BUT IT WILL ALSO BRING GUSTY WEST WINDS TO THE COASTAL AND VALLEY AREAS. STRONGEST WIND GUSTS OF 40 TO 45 MPH WILL BE NEAR THE COAST. THE WINDS WILL DIMINISH LATE TUESDAY NIGHT AS THE SYSTEM MOVES EAST.

CAZ056-058-061-062-061200-

/O.CON.KSGX.HW.W.0010.00000T0000Z-140507T1000Z/

RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-

COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-

857 PM PDT MON MAY 5 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 3 AM PDT WEDNESDAY...

* WINDS...PERIODS OF WEST WINDS 25 TO 35 MPH WITH GUSTS TO 60 MPH...AND ISOLATED GUSTS TO 70 MPH...ARE EXPECTED TONIGHT THROUGH LATE TUESDAY NIGHT. STRONGEST WINDS WILL LIKELY OCCUR TONIGHT THROUGH EARLY TUESDAY MORNING AND AGAIN MID TUESDAY AFTERNOON THROUGH TUESDAY EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. THE STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...REDUCED TO A MILE OR LESS IN BLOWING SAND AND DUST AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE IMPACTED ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS. DAMAGE TO SOME STRUCTURES IS POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE. 128

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CAZ057-061200-
/O.EXA.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/
SANTA ANA MOUNTAINS AND FOOTHILLS-
857 PM PDT MON MAY 5 2014

...WIND ADVISORY IN EFFECT FROM 10 AM TO 6 PM PDT TUESDAY...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 10 AM TO 6 PM PDT TUESDAY.

* WINDS...AREAS OF WEST WINDS 20 TO 30 MPH WITH GUSTS TO 45 MPH.
ISOLATED GUSTS TO 50 MPH.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN
HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON
ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ055-060-061200-
/O.CON.KSGX.WI.Y.0037.000000T0000Z-140507T0400Z/
SAN BERNARDINO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
857 PM PDT MON MAY 5 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT TUESDAY...

* WINDS...AREAS OF SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH
GUSTS TO 55 MPH. ISOLATED STRONGER GUSTS.

* TIMING...TONIGHT THROUGH TUESDAY EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. THE STRONG WIND GUSTS WILL
OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...REDUCED TO A MILE OR LESS IN
BLOWING SAND AND DUST AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR
PERSONS IN HIGH PROFILE VEHICLES...ESPECIALLY ON STATE
HIGHWAYS 18 AND 247. WATCH FOR DOWNED TREE LIMBS AND OTHER

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County
DEBRIS ON ROADWAYS.

* OUTLOOK...THE WINDS WILL DIMINISH TUESDAY NIGHT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ048-061200-
/O.CON.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
857 PM PDT MON MAY 5 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 10 AM TO 6 PM PDT
TUESDAY...

* WINDS...AREAS OF WEST TO SOUTHWEST WINDS 15 TO 25 MPH WITH
GUSTS TO 40 MPH.

* LOCATION...PORTIONS OF THE INLAND EMPIRE.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN
HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON
ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ042-043-050-061200-
/O.CON.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN DIEGO COUNTY VALLEYS-
857 PM PDT MON MAY 5 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 10 AM TO 6 PM PDT
TUESDAY...

* WINDS...AREAS OF WEST WINDS 15 TO 30 MPH WITH GUSTS TO 40 MPH.
STRONGEST GUSTS TO 45 MPH NEAR THE COAST.

* LOCATION...STRONGEST WINDS NEAR THE COAST...BUT GUSTY WINDS WILL

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County
ALSO EXTEND INTO THE VALLEYS.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN
HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON
ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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CURRENT WIND GUST REPORTS ON THE WEB:
[HTTP://WWW.WRH.NOAA.GOV/SGX/GMAP/INDEX.PHP](http://www.wrh.noaa.gov/sgx/gmap/index.php)

MOEDE

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FXUS66 KSGX 060424
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
925 PM PDT MON MAY 5 2014

.SYNOPSIS...

A STRONG TROUGH OF LOW PRESSURE WILL BRING COOL...WINDY WEATHER TUESDAY WITH SCATTERED SHOWERS. CONTINUED COOL WEDNESDAY BUT WITH LIGHTER WINDS. DRY WITH A WARMING TREND THURSDAY THROUGH SATURDAY AS WEAK HIGH PRESSURE GRADUALLY BUILDS ALOFT.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

WHAT STARTED OUT AS AN INNOCUOUS 500 MB TROUGH 5 DAYS AGO...WITH BARELY A HINT OF PRECIP OVER SO-CAL...HAS SINCE EVOLVED INTO AN IMPRESSIVE LONG WAVE TROUGH PACKED WITH ENERGY AND ENOUGH MOISTURE FOR SHOWERS JUST ABOUT ANYWHERE WEST OF THE MOUNTAINS TUESDAY. THE UPPER LOW WAS NEAR SFO THIS EVENING AND WILL DIG SOUTHEAST OVERNIGHT AND TRAVERSE SO-CAL TUESDAY EVENING. STRONG HEIGHT FALLS AND UPPER LEVEL JET DYNAMICS WILL BRING A CHANCE FOR SHOWERS JUST ABOUT ANYWHERE WEST OF THE MOUNTAINS.

PRECIPITATION...THE CANSAC WRF HAS BY FAR THE HIGHEST QPF OF THE HIGH RESOLUTION MODELS. THE HRRR EVENING MODEL RUNS ARE TRENDING SLIGHTLY HIGHER. THE LOCAL WRF AND NAM4 ARE A DISTANT THIRD. MOST AREAS WEST OF THE MOUNTAINS WILL HAVE A DECENT CHANCE FOR A FEW SHOWERS TOMORROW...BUT THE PCPN TOTALS WILL BE QUITE VARIABLE. EXPECT ONLY TRACE AMOUNTS TO A FEW HUNDREDTHS IN SOME SECTIONS OF COASTAL ORANGE COUNTY AND IN THE RAIN SHADOWED INLAND EMPIRE. A TENTH TO A QUARTER INCH IS POSSIBLE IN THE SAN DIEGO COUNTY COASTAL AND VALLEY ZONES. STRONG OROGRAPHICS/UPSLOPE FLOW WILL ENHANCE PCPN AMTS IN THE MTNS WHERE ONE-HALF TO ONE INCH IS POSSIBLE IN A FEW AREAS. SNOW LEVELS INITIALLY AROUND 9000 FEET THIS EVENING WILL FALL TO AROUND 6000 FEET TUESDAY WITH COLD CORE ALOFT. SOME SHOWERS MAY LINGERING THROUGH TUESDAY NIGHT IN THE MOUNTAINS.

STRONG WINDS...GUSTY WEST WINDS WILL IMPACT ALL AREAS TUESDAY. SFC PRESSURE GRADIENTS ARE ACCELERATING MORE STRONGLY ONSHORE THIS EVENING...AS ARE THE WINDS ALOFT. THE CANSAC AND WRF MODELS SHOW 850 MB WINDS OF 45-50 KT TONIGHT AND TUESDAY. MOUNTAIN WAVES WILL SURFACE IN THE LOWER DESERTS TONIGHT WHERE GUSTS MAY EXCEED 65 MPH. GUSTY WINDS WILL ALSO IMPACT THE COASTAL AND VALLEY ZONES AS STRONG WIND ENERGY ALOFT SINKS TOWARD THE SURFACE BEHIND THE COLD FRONT. STRONG WINDS OVER THE COASTAL WATERS WILL SLAM INTO THE BEACHES UNIMPEDED WITH 15-30 MPH WINDS GUSTING TO 40-45 MPH.

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

WEDNESDAY...COOL...CYCLONIC NW FLOW LINGERS INTO WEDNESDAY SO
TEMPERATURES WILL ONLY REBOUND A FEW DEGREES. THE WINDS WILL BE MUCH
LIGHTER...BUT THE MARINE LAYER WILL REMAIN FAIRLY DEEP.

LONG RANGE OUTLOOK...A SLOW EASTWARD MOVEMENT OF THE LARGE SCALE
TROUGH THURSDAY THROUGH SATURDAY WILL BRING DRY...WARMER DAYS UNDER
ZONAL NORTHWEST FLOW. EARLY NEXT WEEK THE GEM AND ECWMF GENERATE A
DEEP UPPER LOW OVER THE GREAT BASIN. THIS FORECAST TRACK IS TOO FAR
NORTHEAST FOR ANY PRECIP DOWN HERE. THE MARINE LAYER MAY BRIEFLY
DEEPEN IN THE ONSHORE FLOW AHEAD OF THE TROUGH ON SUNDAY...FOLLOWED
BY DRY NORTHERLY FLOW...A SHALLOWER MARINE LAYER AND SEVERAL DAYS OF
DRY OFFSHORE FLOW EARLY NEXT WEEK.

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.AVIATION...

060415Z...COAST/VALLEYS...WIDESPREAD BKN/OVC STRATUS WILL
OCCUR...WITH BASES MOSTLY AROUND 2000 FT MSL WITH TOPS TO 6000 FT
MSL. HIGHER TERRAIN WILL BE OBSCURED. SCT SHOWERS WILL
OCCUR...MAINLY AFTER 06Z. MOST VIS WILL REMAIN ABOVE 5 MI BELOW THE
CLOUD BASE. CONDITIONS TUE WILL GRADUALLY TRANSITION FROM BKN-OVC TO
SCT-BKN BETWEEN 17Z AND 20Z...WITH GREATEST CLOUD COVERAGE INLAND
TUE AFTERNOON. SHOWERS WILL GRADUALLY DECREASE TUE. AREAS OF WEST
SFC GUSTS OVER 30 KNOTS WILL OCCUR TUE...MAINLY NEAR THE COAST AND
OVER HIGHER TERRAIN.

MTNS/DESERTS...AREAS OF TERRAIN MAINLY BELOW 6000 FEET AND MAINLY ON
THE COASTAL SLOPES WILL BE OBSCURED IN CLOUDS/FOG THROUGH 19Z TUE.
SCT SHOWERS WILL OCCUR...MAINLY 06Z THROUGH 19Z TUE. AREAS OF SFC
WIND GUSTS OVER 50 KNOTS WILL OCCUR MAINLY IN RIVERSIDE/SAN DIEGO
COUNTIES ALONG MTN CRESTS THROUGH TUE NIGHT...DESERT SLOPES AND EAST
OF MOUNTAIN PASS...WITH LOCAL 45 KNOT GUSTS IN PARTS OF SAN
BERNARDINO COUNTY. A ROTOR WILL OCCUR AT TIMES NEAR KPSP.
UP/DOWNRAFTS AND LLWS WILL BE ASSOCIATED WITH THE WINDS. LOCAL VIS
BELOW 3 MI WILL OCCUR AT TIMES IN THE DESERTS.

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.MARINE...

915 PM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TUESDAY
AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT IN BOTH
THE INNER AND OUTER WATERS WITH GUSTS AROUND 30 KT...LOCALLY
HIGHER...WHICH WILL BE HAZARDOUS TO SMALL CRAFT. WINDS WILL INCREASE
THIS EVENING...PEAK TUESDAY...AND GRADUALLY WEAKEN TUESDAY NIGHT AND
WEDNESDAY MORNING. NORTHWEST SWELLS WILL ALSO INCREASE...RESULTING
IN COMBINED SEAS AS HIGH AS AROUND 11 FEET IN THE OUTER WATERS NEAR
SAN CLEMENTE ISLAND TUESDAY AFTERNOON/NIGHT. SEE LAXMWSGX FOR INFO
ON THE SMALL CRAFT ADVISORY.

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.SKYWARN...

SKYWARN ACTIVATION MAY BE REQUESTED TUESDAY. SPOTTERS ARE
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE
COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO
COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 9 PM PDT TUESDAY FOR THE APPLE AND LUCERNE
VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

WIND ADVISORY FROM 10 AM PDT TUESDAY TO 6 PM PDT TUESDAY FOR
THE ORANGE COUNTY COASTAL AREAS...SANTA ANA MOUNTAINS AND
FOOTHILLS...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY
VALLEYS...AND SAN BERNARDINO AND RIVERSIDE COUNTY
VALLEYS-THE INLAND EMPIRE.

PZ...SMALL CRAFT ADVISORY IN EFFECT THROUGH 11 AM PDT
WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO
THE MEXICAN BORDER AND OUT 30 NM...WATERS FROM SAN MATEO
POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT
INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...MOEDE
AVIATION/MARINE...MAXWELL

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Department of Agronomy

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WWUS76 KSGX 060935
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
235 AM PDT TUE MAY 6 2014

...STRONG AND GUSTY WINDS IN THE MOUNTAINS AND DESERTS TODAY AND
TONIGHT...

...GUSTY WESTERLY WINDS FOR THE COAST AND VALLEYS TODAY...

.A VIGOROUS LOW PRESSURE TROUGH WILL MOVE THROUGH SOUTHERN
CALIFORNIA TODAY AND TONIGHT. IT WILL BRING STRONG AND WIDESPREAD
WESTERLY WINDS TO ALL AREAS. STRONGEST WINDS WILL BE TODAY AND
TONIGHT IN THE MOUNTAINS AND DESERTS WITH SOME TOP GUSTS OVER 60
MPH. THESE STRONG WINDS WILL DIMINISH OVERNIGHT. GUSTY WEST WINDS
WILL ALSO BUFFET THE COAST AND VALLEYS WITH GUSTS OVER 35 MPH
BEFORE DIMINISHING THIS EVENING.

CAZ056-058-061-062-061730-
/O.CON.KSGX.HW.W.0010.00000T0000Z-140507T1000Z/
RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
235 AM PDT TUE MAY 6 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 3 AM PDT WEDNESDAY...

- * WINDS...WESTERLY 25 TO 35 MPH WITH GUSTS TO 60 MPH AND ISOLATED
GUSTS TO 70 MPH TODAY AND TONIGHT.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL OCCASIONALLY
SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR LESS
IN BLOWING DUST AND SAND AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT
ESPECIALLY IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE IMPACTED
ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH THE SAN DIEGO
COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS
ON ROADWAYS. DAMAGE TO SOME STRUCTURES IS POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED
OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS
OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ055-060-061730-

/O.CON.KSGX.WI.Y.0037.000000T0000Z-140507T0400Z/

SAN BERNARDINO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-

235 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...

* WINDS...SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS TO 55 MPH. ISOLATED STRONGER GUSTS.

* TIMING...THROUGH THIS EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES...ESPECIALLY ON STATE HIGHWAYS 18 AND 247. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS.

* OUTLOOK...THE WINDS WILL DIMINISH TONIGHT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ048-061730-

/O.CON.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/

SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-

235 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 10 AM THIS MORNING TO 6 PM PDT THIS EVENING...

* WINDS...AREAS OF WEST TO SOUTHWEST WINDS 15 TO 25 MPH WITH GUSTS 35 TO 40 MPH.

* LOCATION...PORTIONS OF THE INLAND EMPIRE.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ042-043-050-057-061730-
/O.CON.KSGX.WI.Y.0037.140506T1700Z-140507T0100Z/

ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-
235 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 10 AM THIS MORNING TO
6 PM PDT THIS EVENING...

* WINDS...AREAS OF WEST WINDS 15 TO 25 MPH WITH GUSTS 35 TO 40
MPH. STRONGEST GUSTS TO 45 MPH ALONG THE COAST.

* LOCATION...STRONGEST WINDS NEAR THE COAST...BUT GUSTY WINDS
WILL ALSO EXTEND INTO THE VALLEYS.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN
HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON
ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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IOWA STATE
UNIVERSITY

College of Ag

Department of Agronomy

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FXUS65 KPSR 060936
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
236 AM MST TUE MAY 6 2014

.SYNOPSIS...
A PACIFIC LOW PRESSURE SYSTEM AND COLD FRONT WILL MOVE THROUGH THE REGION TODAY...GENERATING WINDY AND COOLER CONDITIONS. THE COOLER AIR WITH HIGHS WELL BELOW NORMAL WILL REMAIN IN PLACE THROUGH THURSDAY. DRY AND WARMER WEATHER IS FORECAST STARTING FRIDAY LASTING THROUGH THE WEEKEND AS HIGHS CLIMB BACK INTO THE 90S ACROSS THE LOWER DESERTS.

&&

.DISCUSSION...
CURRENT SURFACE ANALYSIS SHOWS BROAD LOW PRESSURE ACROSS THE GREAT BASIN INTO THE CENTRAL ROCKIES AND TIGHT PRESSURE PACKING ACROSS CALIFORNIA. WATER VAPOR IMAGERY SHOWS A VERY NARROW BAND OF MODEST MID AND HIGH MOISTURE ACROSS ARIZONA AND ANOTHER BAND MOVING ONSHORE INTO SOUTHERN CALIFORNIA. THE UPPER LOW CENTER IS NOW SITUATED OVER CENTRAL CALIFORNIA AND IS FORECAST TO SHIFT EAST SOUTHEAST INTO SOUTHERN UTAH BY WEDNESDAY MORNING. DUE TO THE VERY LIMITED SYSTEM MOISTURE...SKIES WILL REMAIN MOSTLY TO PARTLY SUNNY TODAY ALONG WITH NO CHANCE OF ANY SHOWER ACTIVITY ACROSS OUR CWA. COLD FRONT WILL GRADUALLY MOVE THROUGH SOUTHEAST CALIFORNIA LATE THIS MORNING AND SOUTH-CENTRAL ARIZONA LATE THIS AFTERNOON INTO THE EVENING HOURS.

GUSTY WINDS ACROSS SOUTHEAST CALIFORNIA...WITH PORTIONS OF THE IMPERIAL VALLEY ALREADY OCCASIONALLY GUSTING OVER 40 MPH...WILL CONTINUE THROUGH THIS MORNING AND BECOME MORE WIDESPREAD BY THIS AFTERNOON. WIND ADVISORY WILL BE IN EFFECT STARTING LATER THIS MORNING ACROSS MOST OF SOUTHEAST CALIFORNIA AND THE LOWER COLORADO RIVER VALLEY. WIND GUSTS WILL LIKELY REACH NEAR 50 MPH AT TIMES ACROSS THE ADVISORY AREA AND EXPECT SOME AREAS OF BLOWING DUST AS A RESULT. ELSEWHERE...SUB-ADVISORY LEVEL WINDS ARE EXPECTED STARTING BY NOON WHICH MAY ALSO CAUSE LOCALIZED BLOWING DUST IN DUST PRONE AREAS. DUE TO THE STRONG WINDS TODAY AND LOW RELATIVE HUMIDITIES ACROSS SOUTHWEST AND SOUTH-CENTRAL ARIZONA...RED FLAG WARNINGS WILL BE IN EFFECT STARTING LATE THIS MORNING THROUGH THE AFTERNOON HOURS. MUCH COOLER AIR WILL GET USHERED INTO THE AREA TODAY WITH HIGHS ONLY REACHING INTO THE MID TO UPPER 70S ACROSS OUR WESTERN ZONES AND INTO THE MIDDLE 80S ACROSS THE SOUTH-CENTRAL ARIZONA DESERTS.

FOR WEDNESDAY...THE UPPER LOW WILL HAVE WEAKENED SOMEWHAT WITH THE TROUGH AXIS SITUATED OVER ARIZONA DURING THE DAYTIME HOURS. MODELS...NOTABLY THE EUROPEAN AND SREF...CONTINUE TO POINT TOWARD A SLIGHT CHANCE OF SHOWERS ACROSS HIGHER TERRAIN AREAS NORTH AND EAST OF PHOENIX. DUE TO THE VERY LIMITED INSTABILITY AND NO SUBSTANTIAL UPPER DYNAMICS...REALLY ONLY EXPECTING A FEW LIGHT SHOWERS WEDNESDAY AFTERNOON. THE LOWEST HEIGHTS AND COOLEST OVERALL TEMPERATURES ARE EXPECTED WEDNESDAY GIVING US HIGHS IN THE LOWER 80S ACROSS OUR WESTERN ZONES AND UPPER 70S ACROSS SOUTH-CENTRAL ARIZONA.

A SLOW TRANSITION TO A MORE ZONAL DRY WEST NORTHWESTERLY UPPER FLOW WILL TAKE PLACE STARTING FRIDAY. WILL SEE AN INCREASE OF AROUND 5 DEGREES PER DAY FROM WEDNESDAY THROUGH SATURDAY AS HIGHS GET BACK TOWARD SEASONAL NORMALS FRIDAY AND SLIGHTLY ABOVE NORMAL FOR THIS WEEKEND. THE EASTERN PACIFIC RIDGE WILL SHIFT CLOSER TO OUR REGION DURING THIS TIME...BUT A SERIES OF UPPER SHORTWAVES MOVING PAST US WELL TO THE NORTH WILL KEEP HEIGHTS FROM BUILDING TOO QUICKLY ACROSS THE DESERT SOUTHWEST. LONG RANGE MODELS ARE NOW HAVING A DIFFICULT TIME COMING TO A CONSENSUS FOR EARLY NEXT WEEK. THE EUROPEAN AND GEM BOTH DIG AN UPPER LOW INTO THE GREAT BASIN WHILE THE GFS KEEPS THE RIDGE IN PLACE AND ANY WAVES ACROSS THE NORTHERN CONUS. FOR NOW HAVE MAINLY WITH A BLEND OF THE MODELS WHICH GIVES US TEMPERATURES SLIGHTLY ABOVE NORMAL. WOULD LIKE TO SEE ANOTHER FEW MODEL RUNS BEFORE SHIFTING TOWARD ONE PARTICULAR SOLUTION.

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.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...

AN APPROACHING PACIFIC LOW WILL CONTINUE TO GENERATE GUSTY WESTERLY WINDS OVERNIGHT...WITH SUSTAINED WIND SPEEDS IN THE 10-15KT RANGE

AND GUSTS AS HIGH AS 25KT AT TIMES. WINDS TO DIMINISH SOMEWHAT AND BECOME SOUTHEASTERLY FOR A TIME LATE TONIGHT AND EARLY TUESDAY BEFORE ONCE AGAIN BECOMING WESTERLY BY MIDDAY TUESDAY...WITH SUSTAINED WIND SPEEDS IN THE 18-22 KNOT RANGE WITH GUSTS AS HIGH AS 30 KNOTS BY AFTERNOON. THERE IS ALSO AN OUTSIDE CHANCE FOR SOME BLOWING DUST BY TUESDAY AFTERNOON AS WELL...BUT CONFIDENCE IS TOO LOW TO PUT INTO THE TAFS AT THIS TIME. OTHERWISE...EXPECT SCT-BKN CIRRUS DECKS FOR THE NEXT 24 HOURS.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

AN APPROACHING PACIFIC LOW WILL CONTINUE TO GENERATE GUSTY WESTERLY WINDS OVERNIGHT...WITH SUSTAINED WIND SPEEDS IN THE 20-25 KNOT RANGE AND GUSTS AS HIGH AS 35 KTS AT KIPL...WITH SLIGHTLY LOWER VALUES AT KBLH. WINDS WILL RELAX SOMEWHAT WITH THE LOSS OF DAYTIME HEATING LATER TONIGHT AND EARLY TUESDAY BUT SHOULD REMAIN HIGHER THAN NORMAL THROUGH THE PERIOD. VERY STRONG WESTERLY WINDS WILL THEN DEVELOP BY LATE TUESDAY MORNING INTO THE AFTERNOON AS SFC PRESSURE GRADIENTS CONTINUE TO TIGHTEN...WITH SUSTAINED WIND SPEEDS IN THE 25-35 KNOT RANGE WITH GUSTS AS HIGH AS 45 KNOTS...WITH AREAS OF BLOWING DUST POSSIBLE. OTHERWISE EXPECT SCT-BKN CIRRUS DECKS NEXT 24 HOURS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

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.FIRE WEATHER...
THURSDAY THROUGH MONDAY...
HIGH PRESSURE AND DRY NORTHWESTERLY FLOW ALOFT THAT WILL BE BUILDING EASTWARD INTO THE DESERT SOUTHWEST WILL BRING DRY CONDITIONS AND A SLOW WARMING TREND TO THE REGION THROUGH THE FORECAST PERIOD. HIGHS IN THE 80S ON THURSDAY WITH GRADUALLY WARM INTO THE MID TO UPPER 90S BY SUNDAY AND MONDAY. MINIMUM RH VALUES IN THE TEENS ON THURSDAY WILL LOWER BACK INTO THE SINGLE DIGITS OVER MUCH OF THE LOWER DESERTS BY THE WEEKEND. WINDS ARE EXPECTED TO REMAIN MOSTLY ON THE LIGHT SIDE EACH DAY...WITH JUST SOME TYPICAL AFTERNOON GUSTINESS.

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.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...RED FLAG WARNING FROM 10 AM TO 7 PM MST TODAY
AZZ021>024-026>028.

WIND ADVISORY FROM 10 AM TO 9 PM MST TODAY AZZ020-025.

CA...WIND ADVISORY FROM 10 AM TO 9 PM PDT TODAY CAZ031>033.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...KUHLMAN
AVIATION...MEYERS/PERCHA
FIRE WEATHER...PERCHA

National Weather Service Raw Text Product

Displaying AFOS PIL: **NPWPSR** Received: **2014-05-06 09:56 UTC**

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WMUS75 KPSR 060956
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
256 AM MST TUE MAY 6 2014

AZZ020-025-CAZ031>033-062230-
/O.CON.KPSR.WI.Y.0008.140506T1700Z-140507T0400Z/
LOWER COLORADO RIVER VALLEY AZ-YUMA/MARTINEZ LAKE AND VICINITY-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...
FORTUNA FOOTHILLS...YUMA...BLYTHE...CHIRIACO SUMMIT...
DESERT CENTER...BRAWLEY...CALEXICO...EL CENTRO
256 AM MST TUE MAY 6 2014 /256 AM PDT TUE MAY 6 2014/

...WIND ADVISORY REMAINS IN EFFECT FROM 10 AM MST /10 AM PDT/
THIS MORNING TO 9 PM MST /9 PM PDT/ THIS EVENING...

A WIND ADVISORY REMAINS IN EFFECT FROM 10 AM MST /10 AM PDT/ THIS
MORNING TO 9 PM MST /9 PM PDT/ THIS EVENING.

* AFFECTED AREA...SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA...
INCLUDING EL CENTRO...YUMA...BLYTHE...AND PARKER.

* TIMING...LATE THIS MORNING THROUGH EARLY EVENING.

* WINDS...WEST TO SOUTHWEST WINDS 25 TO 35 MPH WITH GUSTS TO 45
MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON NORTH-SOUTH ORIENTED ROADWAYS. MOTORISTS ON INTERSTATES 8
AND 10 WILL ALSO EXPERIENCE HIGH WINDS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

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FXUS66 KSGX 060932
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
300 AM PDT TUE MAY 6 2014

.SYNOPSIS...

A TROUGH OF LOW PRESSURE WILL BRING MOSTLY CLOUDY AND COOL...WINDY WEATHER TODAY WITH SCATTERED SHOWERS. CONTINUED COOL WEDNESDAY...BUT DRY WITH LIGHTER WINDS. A WARMING TREND THURSDAY INTO NEXT WEEK AS HIGH PRESSURE GRADUALLY STRENGTHENS.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

A LOW PRESSURE TROUGH IS MOVING INTO SOUTHERN CALIFORNIA TODAY. CLOUDS HAVE FILLED THE COASTAL BASIN UP TO THE MOUNTAIN BRIMS THIS MORNING. SOME SHOWERS HAVE BEGUN ALONG COASTAL MOUNTAIN SLOPES AND UP TO A TENTH INCH HAS FALLEN SO FAR IN CRESTLINE. MORE WIDESPREAD SHOWERS WILL GET GOING THIS MORNING ALONG AND WEST OF THE MOUNTAINS. WINDS HAVE BEEN GUSTING ABOVE 40 MPH AT THE TOP SPOTS ON MOUNTAIN CRESTS AND ADJACENT DESERT SLOPES. ALL THESE CONDITIONS WILL CONTINUE THROUGH THE MORNING. TODAY WE WILL HAVE PARTLY CLOUDY SKIES NEAR THE COAST WITH MOSTLY CLOUDY SKIES INLAND AND AGAINST THE MOUNTAINS. WINDS WILL CONTINUE QUITE STRONG ALL DAY...EVEN IN THE COASTAL BASIN...BEFORE TAPERING OFF OVERNIGHT AND WEDNESDAY. AREAS OF BLOWING DUST ARE LIKELY IN PARTS OF THE DESERTS. A SECOND WAVE OF ENHANCED PRECIP WILL MOVE THROUGH THE REGION THIS EVENING. THE CHANCE IS SMALL BUT THERE. PRECIP TOTALS WILL BE LESS THAN A QUARTER INCH IN THE COASTAL BASIN...AND PROBABLY LESS THAN A TENTH INCH AT THE COAST. A QUARTER TO A HALF INCH IS EXPECTED IN THE MOUNTAINS...BUT ISOLATED SPOTS COULD EXCEED THAT. SNOW LEVELS WILL BE AROUND 5500 FEET BY THIS AFTERNOON AND UP TO A COUPLE INCHES OF SNOW ARE EXPECTED ABOVE 7000 FEET. TEMPS WILL BE UNSEASONABLY LOW TODAY WITH HIGHS ONLY IN THE 60S IN MOST AREAS. THE LOW PRESSURE TROUGH MOVES OUT WEDNESDAY WITH SLIGHTLY WARMER...LESS WINDY...BUT STILL PARTLY CLOUDY WEATHER. A HIGH PRESSURE RIDGE TRIES TO BUILD...BUT WEAK SHORTWAVES IN THE NORTHWEST FLOW PREVENT IT FROM DOING SO THURSDAY THROUGH SUNDAY. WE WILL RETURN TO SEASONAL WEATHER AND DEVELOP A MORE STANDARD MARINE LAYER OF MODERATE DEPTH. ON MONDAY AND TUESDAY THE MODELS DO NOT AGREE THAT WELL...BUT A HIGH PRESSURE RIDGE APPEARS TO AMPLIFY TO BRING WARMER WEATHER. IF YOU LIKE THE EURO MODEL...SOME OFFSHORE FLOW WILL COMBINE WITH A HIGH AMPLITUDE RIDGE FOR A VERY WARM OUTLOOK. THE GFS ALSO BUILDS A DECENT RIDGE...BUT WITHOUT THE OFFSHORE FLOW. DRY AND WARMER WEATHER IS A GOOD CONSENSUS AND IS OUR FORECAST NEXT WEEK.

&&

.AVIATION...

060925Z...COAST/VALLEYS...MULTIPLE BKN-OVC STRATUS LAYERS BETWEEN 2000 FT MSL AND 6000 FT MSL AND ISOLATED-SCT -SHRA THROUGH THIS AFTERNOON. VSBY LOCALLY REDUCED TO 3-5SM IN SHOWERS AND HIGHER TERRAIN WILL BE OBSCURED AT TIMES. STRATUS BECOMING SCT-BKN THIS AFTERNOON. AREAS OF WEST SFC GUSTS 20 TO 30 KNOTS DEVELOPING 06/18Z-07/03Z...MAINLY NEAR THE COAST AND THE SAN DIEGO COUNTY VALLEYS. WINDS DIMINISHING AFTER 07/03Z AND STRATUS BECOMING BKN-OVC WITH BASES 2000-2500 FT MSL.

MTNS/DESERTS...COASTAL SLOPES MAINLY BELOW 6000 FEET OBSCURED IN CLOUDS/FOG/-SHRA THROUGH THIS AFTERNOON. AREAS OF SFC WIND GUSTS OVER 50 KNOTS IN RIVERSIDE/SAN DIEGO COUNTIES ALONG MTN CRESTS AND ADJACENT DESERT SLOPES AND PASSES...WITH LOCAL 40 KNOT GUSTS IN PARTS OF THE HIGH DESERT. STG-SVR UDDFS AND LLWS OVER AND E OF THE MTNS POSSIBLE WITH THESE WINDS. ROTORS LIKELY VCNTY KPSP THROUGH ABOUT 15-17Z. VSBY LOCALLY REDUCED TO 3SM OR LESS IN BLDU. WINDS DIMINISHING THIS EVENING.

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.MARINE...

230 AM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TODAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT IN BOTH THE COASTAL WATERS WITH GUSTS AROUND 30 KT. GUSTS TO AROUND 35 KT POSSIBLE IN THE OUTER COASTAL WATERS...MAINLY THIS MORNING THROUGH THIS EVENING. WINDS WILL GRADUALLY WEAKEN TONIGHT AND WEDNESDAY MORNING. THESE STRONG WINDS AND A FRESH NORTHWEST SWELL WILL PRODUCE COMBINED SEAS NEAR 10 FEET AND VERY ROUGH CONDITIONS IN THE OUTER WATERS TODAY. THE SMALL CRAFT ADVISORY HAS BEEN UPGRADED TO A GALE WARNING FOR THE OUTER COASTAL WATERS. SEE LAXMWSGX FOR INFO.

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.SKYWARN...

SKYWARN ACTIVATION MAY BE REQUESTED TUESDAY. SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 9 PM PDT THIS EVENING FOR THE APPLE AND LUCERNE VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

WIND ADVISORY FROM 10 AM THIS MORNING TO 6 PM PDT THIS EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY VALLEYS...SANTA ANA MOUNTAINS AND FOOTHILLS.

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County
SMALL CRAFT ADVISORY UNTIL 11 AM PDT WEDNESDAY FOR THE SAN DIEGO
COUNTY COASTAL AREAS.

WIND ADVISORY FROM 10 AM THIS MORNING TO 6 PM PDT THIS EVENING
FOR THE SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE
INLAND EMPIRE.

PZ...SMALL CRAFT ADVISORY UNTIL 8 AM PDT THIS MORNING FOR THE WATERS
FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO
60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

GALE WARNING FROM 8 AM THIS MORNING TO 11 AM PDT WEDNESDAY FOR
THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER
EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

SMALL CRAFT ADVISORY UNTIL 11 AM PDT WEDNESDAY FOR THE COASTAL
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT
30 NM.

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PUBLIC...MM
AVIATION/MARINE...SS

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FLUS45 KPSR 061213
HWOPSR

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE PHOENIX AZ
513 AM MST TUE MAY 6 2014

AZZ024-070400-
SOUTHERN GILA COUNTY/TONTO NATIONAL FOREST FOOTHILLS-
513 AM MST TUE MAY 6 2014

...RED FLAG WARNING IN EFFECT FROM 10 AM THIS MORNING TO 7 PM MST
THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EAST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

RED FLAG WARNING.

GUSTY SOUTHWEST WINDS WILL DEVELOP LATE THIS MORNING AHEAD OF AN
APPROACHING COLD FRONT. WIND GUSTS TO 35 MPH ARE LIKELY THIS
AFTERNOON WHILE IN COMBINATION WITH LOW RELATIVE HUMIDITIES WILL
LEAD TO HIGH FIRE DANGER THROUGHOUT THE AFTERNOON.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ021>023-026>028-070400-
WEST CENTRAL DESERTS-NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-
SOUTHWEST DESERTS-SOUTHWEST MARICOPA COUNTY-
NORTHWEST AND NORTH CENTRAL PINAL COUNTY-
513 AM MST TUE MAY 6 2014

...RED FLAG WARNING IN EFFECT FROM 10 AM THIS MORNING TO 7 PM MST
THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTH-CENTRAL
ARIZONA...SOUTHWEST ARIZONA AND WEST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

RED FLAG WARNING.

GUSTY SOUTHWEST WINDS WILL DEVELOP LATE THIS MORNING AHEAD OF AN
APPROACHING COLD FRONT. WIND GUSTS TO 35 MPH ARE LIKELY THIS
AFTERNOON WHILE IN COMBINATION WITH LOW HUMIDITIES WILL LEAD TO HIGH
FIRE DANGER THROUGHOUT THE AFTERNOON. THE STRONG WINDS WILL ALSO
LIKELY GENERATE PATCHY BLOWING DUST WHICH COULD SHARPLY RESTRICT
VISIBILITIES.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ020-025-CAZ031-032-070400-
LOWER COLORADO RIVER VALLEY AZ-YUMA/MARTINEZ LAKE AND VICINITY-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
513 AM MST TUE MAY 6 2014 /513 AM PDT TUE MAY 6 2014/

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

Appendix A

...WIND ADVISORY IN EFFECT FROM 10 AM MST /10 AM PDT/ THIS MORNING
TO 9 PM MST /9 PM PDT/ THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHWEST
ARIZONA...EXTREME WEST-CENTRAL ARIZONA AND EXTREME SOUTHEAST
CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

WIND ADVISORY.

GUSTY WEST SOUTHWEST WINDS ARE EXPECTED THROUGHOUT THE DAY TODAY
WITH THE STRONGEST WINDS DURING THE AFTERNOON. PEAK GUSTS TO 45 MPH
ARE LIKELY THIS AFTERNOON. THE STRONG WINDS WILL LIKELY GENERATE
PATCHY BLOWING DUST WHICH COULD SHARPLY RESTRICT VISIBILITIES.
MOTORISTS ON NORTH SOUTH ORIENTED ROADS COULD EXPERIENCE GUSTY
SHIFTING CROSSWINDS LEADING TO HAZARDOUS DRIVING CONDITIONS.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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CAZ033-070400-
IMPERIAL COUNTY-
513 AM PDT TUE MAY 6 2014

...WIND ADVISORY IN EFFECT UNTIL 9 PM PDT THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

WIND ADVISORY.

GUSTY SOUTHWEST WINDS ARE EXPECTED THROUGHOUT THE DAY TODAY WITH THE
STRONGEST WINDS DURING THE AFTERNOON. OCCASIONAL GUSTS TO 45 MPH
CAN BE EXPECTED. THE STRONG WINDS WILL LIKELY GENERATE PATCHY
BLOWING DUST WHICH COULD SHARPLY RESTRICT VISIBILITIES. MOTORISTS ON
NORTH SOUTH ORIENTED ROADS COULD EXPERIENCE GUSTY SHIFTING CROSSWINDS
LEADING TO HAZARDOUS DRIVING CONDITIONS.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

\$\$

CAZ030-070400-
JOSHUA TREE NATIONAL PARK-
513 AM PDT TUE MAY 6 2014

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

WINDY CONDITIONS ARE EXPECTED THROUGH MUCH OF TODAY IN ASSOCIATION
WITH A COLD FRONTAL PASSAGE. WIND GUSTS MAY EXCEED 35 MPH AT TIMES
AND BE SUFFICIENT TO CAUSE PATCHY BLOWING DUST AND SAND ACROSS THE
LOWER ELEVATIONS.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

294

FXUS65 KPSR 061240 AAA

AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
540 AM MST TUE MAY 6 2014

.UPDATE...UPDATED AVIATION AND FIRE WEATHER DISCUSSIONS.

&&

.SYNOPSIS...

A PACIFIC LOW PRESSURE SYSTEM AND COLD FRONT WILL MOVE THROUGH THE REGION TODAY...GENERATING WINDY AND COOLER CONDITIONS. THE COOLER AIR WITH HIGHS WELL BELOW NORMAL WILL REMAIN IN PLACE THROUGH THURSDAY. DRY AND WARMER WEATHER IS FORECAST STARTING FRIDAY LASTING THROUGH THE WEEKEND AS HIGHS CLIMB BACK INTO THE 90S ACROSS THE LOWER DESERTS.

&&

.DISCUSSION...

CURRENT SURFACE ANALYSIS SHOWS BROAD LOW PRESSURE ACROSS THE GREAT BASIN INTO THE CENTRAL ROCKIES AND TIGHT PRESSURE PACKING ACROSS CALIFORNIA. WATER VAPOR IMAGERY SHOWS A VERY NARROW BAND OF MODEST MID AND HIGH MOISTURE ACROSS ARIZONA AND ANOTHER BAND MOVING ONSHORE INTO SOUTHERN CALIFORNIA. THE UPPER LOW CENTER IS NOW SITUATED OVER CENTRAL CALIFORNIA AND IS FORECAST TO SHIFT EAST SOUTHEAST INTO SOUTHERN UTAH BY WEDNESDAY MORNING. DUE TO THE VERY LIMITED SYSTEM MOISTURE...SKIES WILL REMAIN MOSTLY TO PARTLY SUNNY TODAY ALONG WITH NO CHANCE OF ANY SHOWER ACTIVITY ACROSS OUR CWA. COLD FRONT WILL GRADUALLY MOVE THROUGH SOUTHEAST CALIFORNIA LATE THIS MORNING AND SOUTH-CENTRAL ARIZONA LATE THIS AFTERNOON INTO THE EVENING HOURS.

GUSTY WINDS ACROSS SOUTHEAST CALIFORNIA...WITH PORTIONS OF THE IMPERIAL VALLEY ALREADY OCCASIONALLY GUSTING OVER 40 MPH...WILL CONTINUE THROUGH THIS MORNING AND BECOME MORE WIDESPREAD BY THIS AFTERNOON. WIND ADVISORY WILL BE IN EFFECT STARTING LATER THIS MORNING ACROSS MOST OF SOUTHEAST CALIFORNIA AND THE LOWER COLORADO RIVER VALLEY. WIND GUSTS WILL LIKELY REACH NEAR 50 MPH AT TIMES ACROSS THE ADVISORY AREA AND EXPECT SOME AREAS OF BLOWING DUST AS A RESULT. ELSEWHERE...SUB-ADVISORY LEVEL WINDS ARE EXPECTED STARTING BY NOON WHICH MAY ALSO CAUSE LOCALIZED BLOWING DUST IN DUST PRONE AREAS. DUE TO THE STRONG WINDS TODAY AND LOW RELATIVE HUMIDITIES ACROSS SOUTHWEST AND SOUTH-CENTRAL ARIZONA...RED FLAG WARNINGS WILL BE IN EFFECT STARTING LATE THIS MORNING THROUGH THE AFTERNOON HOURS. MUCH COOLER AIR WILL GET USHERED INTO THE AREA TODAY WITH HIGHS ONLY REACHING INTO THE MID TO UPPER 70S ACROSS OUR WESTERN ZONES AND INTO THE MIDDLE 80S ACROSS THE SOUTH-CENTRAL ARIZONA DESERTS.

FOR WEDNESDAY...THE UPPER LOW WILL HAVE WEAKENED SOMEWHAT WITH THE TROUGH AXIS SITUATED OVER ARIZONA DURING THE DAYTIME HOURS. MODELS...NOTABLY THE EUROPEAN AND SREF...CONTINUE TO POINT TOWARD A SLIGHT CHANCE OF SHOWERS ACROSS HIGHER TERRAIN AREAS NORTH AND EAST OF PHOENIX. DUE TO THE VERY LIMITED INSTABILITY AND NO SUBSTANTIAL UPPER DYNAMICS...REALLY ONLY EXPECTING A FEW LIGHT SHOWERS WEDNESDAY AFTERNOON. THE LOWEST HEIGHTS AND COOLEST OVERALL TEMPERATURES ARE EXPECTED WEDNESDAY GIVING US HIGHS IN THE LOWER 80S ACROSS OUR WESTERN ZONES AND UPPER 70S ACROSS SOUTH-CENTRAL ARIZONA.

A SLOW TRANSITION TO A MORE ZONAL DRY WEST NORTHWESTERLY UPPER FLOW WILL TAKE PLACE STARTING FRIDAY. WILL SEE AN INCREASE OF AROUND 5 DEGREES PER DAY FROM WEDNESDAY THROUGH SATURDAY AS HIGHS GET BACK TOWARD SEASONAL NORMALS FRIDAY AND SLIGHTLY ABOVE NORMAL FOR THIS WEEKEND. THE EASTERN PACIFIC RIDGE WILL SHIFT CLOSER TO OUR REGION DURING THIS TIME...BUT A SERIES OF UPPER SHORTWAVES MOVING PAST US WELL TO THE NORTH WILL KEEP HEIGHTS FROM BUILDING TOO QUICKLY ACROSS THE DESERT SOUTHWEST. LONG RANGE MODELS ARE NOW HAVING A DIFFICULT TIME COMING TO A CONSENSUS FOR EARLY NEXT WEEK. THE EUROPEAN AND GEM BOTH DIG AN UPPER LOW INTO THE GREAT BASIN WHILE THE GFS KEEPS THE RIDGE IN PLACE AND ANY WAVES ACROSS THE NORTHERN CONUS. FOR NOW HAVE MAINLY WITH A BLEND OF THE MODELS WHICH GIVES US TEMPERATURES SLIGHTLY ABOVE NORMAL. WOULD LIKE TO SEE ANOTHER FEW MODEL RUNS BEFORE SHIFTING TOWARD ONE PARTICULAR SOLUTION.

&&

.AVIATION...

SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KTWA...AND KSDE...

SOUTHEAST WINDS WILL QUICKLY STRENGTHEN AND VEER BACK TO THE SOUTHWEST LATER THIS MORNING AHEAD OF AN APPROACHING COLD FRONT. BY EARLY AFTERNOON EXPECT SWLY WINDS GUSTING IN EXCESS OF 25KT AT THE TAF SITES. THERE IS THE POSSIBILITY OF SOME BLOWING DUST THIS AFTERNOON AND EARLY EVENING...BUT CONFIDENCE IS LOW SO IT WILL NOT BE MENTIONED IN THE TAFS ATTM. EXPECT GUSTINESS TO DECREASE BY AROUND 03Z FOLLOWING SUNSET AND ASSOCIATED LOSS OF MIXING. MAY SEE A FEW HIGHER BASED CU DEVELOP THIS AFTERNOON AHEAD OF THE FRONT OTHERWISE MAINLY SCT-BKN CIRRUS DECKS TODAY INTO THE EVENING HOURS.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

STRONG GUSTY SOUTHWEST TO WEST WINDS EXPECTED ACROSS THE SERN CA DESERTS...INCLUDING KIPL AND KBLH...THRU THE DAY TODAY AND INTO THE EVENING HOURS. STRONGEST WINDS LIKELY AT KIPL...WHERE PEAK GUSTS WILL EXCEED 40KT AT TIMES. MAY SEE SOME BLOWING DUST/SAND AT TIMES AND WE WILL KEEP 6SM VSBYS IN THE TAFS...HOWEVER IT IS POSSIBLE FOR VSBYS TO FALL BELOW THIS...MAYBE BELOW 3SM...BRIEFLY DURING THE STRONGER GUSTS LATER THIS MORNING AND AFTERNOON. WINDS TO TAPER OFF FOLLOWING SUNSET AND LOSS OF MIXING...BUT WILL REMAIN ELEVATED PAST MIDNIGHT. MAY SEE A FEW HIGH BASED CU TODAY ASSOCIATED WITH FRONTAL PASSAGE BUT MOSTLY WE WILL SEE SCT-BKN CIRRUS DECKS.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...

THURSDAY THROUGH MONDAY...

HIGH PRESSURE AND DRY NORTHWESTERLY FLOW ALOFT WILL BUILD EASTWARD INTO THE DESERT SOUTHWEST...AND BRING DRY CONDITIONS AND A SLOW WARMING TREND TO THE REGION THROUGH THE FORECAST PERIOD. HIGHS IN THE 80S ON THURSDAY WITH GRADUALLY WARM INTO THE MID TO UPPER 90S BY SUNDAY AND MONDAY. MINIMUM RH VALUES IN THE TEENS ON THURSDAY WILL LOWER BACK INTO THE SINGLE DIGITS OVER MUCH OF THE LOWER DESERTS BY THE WEEKEND. WINDS ARE EXPECTED TO REMAIN MOSTLY ON THE LIGHT SIDE EACH DAY...WITH JUST SOME TYPICAL AFTERNOON GUSTINESS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...RED FLAG WARNING FROM 10 AM TO 7 PM MST TODAY

AZZ021>024-026>028.

WIND ADVISORY FROM 10 AM TO 9 PM MST TODAY AZZ020-025.

CA...WIND ADVISORY FROM 10 AM TO 9 PM PDT TODAY CAZ031>032.

WIND ADVISORY FROM 5 AM TO 9 PM PDT TODAY CAZ033.

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DISCUSSION...KUHLMAN

AVIATION...CB

FIRE WEATHER...PERCHA/CB

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LSRSGX			
PRELIMINARY LOCAL STORM REPORT			
NATIONAL WEATHER SERVICE SAN DIEGO CA			
637 AM PDT TUE MAY 6 2014			
...TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
...DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
	..REMARKS..		
0550 AM	NON-TSTM WND GST 2 NNE JULIAN		33.10N 116.58W
05/06/2014	M68 MPH	SAN DIEGO	CA MESONET
MESONET STATION VOLCAN MOUNTAIN /VCMSD/			
&&			
\$\$			
NWS SAN DIEGO CA			
IRIS SYSTEM			

┌
531
NWUS56 KSGX 061338
LSRSGX

PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE SAN DIEGO CA
637 AM PDT TUE MAY 6 2014

...TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
...DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0540 AM	NON-TSTM WND GST 3 SSE JULIAN		33.04N 116.56W
05/06/2014	M61 MPH	SAN DIEGO	CA MESONET
MESONET STATION HARRISON PARK /HRPSD/			

&&
\$\$
NWS SAN DIEGO CA
IRIS SYSTEM

IOWA STATE UNIVERSITY

College of Ag

Department of Agronomy

Department of Agronomy

716 Farm House Ln

Ames, IA 50011

akrherz@iastate.edu

515-294-5978 phone



343

WMUS75 KPSR 061511

NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
811 AM MST TUE MAY 6 2014

AZZ025-CAZ031-070315-
/O.NEW.KPSR.DU.Y.0004.140506T1511Z-140507T0100Z/
/O.EXT.KPSR.WI.Y.0008.140506T1511Z-140507T0400Z/
YUMA/MARTINEZ LAKE AND VICINITY-LOWER COLORADO RIVER VALLEY CA-
INCLUDING THE CITIES OF...FORTUNA FOOTHILLS...YUMA...BLYTHE
811 AM MST TUE MAY 6 2014 /811 AM PDT TUE MAY 6 2014/

...WIND ADVISORY NOW IN EFFECT UNTIL 9 PM MST /9 PM PDT/ THIS
EVENING...
...BLOWING DUST ADVISORY IN EFFECT UNTIL 6 PM MST /6 PM PDT/ THIS
EVENING...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL 6 PM MST /6 PM PDT/ THIS
EVENING. THE WIND ADVISORY IS NOW IN EFFECT UNTIL 9 PM MST /9 PM
PDT/ THIS EVENING.

* AFFECTED AREA...SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA...
INCLUDING...YUMA...BLYTHE...AND PARKER.

* TIMING...THIS MORNING THROUGH EARLY EVENING.

* WINDS...WEST TO SOUTHWEST WINDS 25 TO 35 MPH WITH GUSTS TO 45
MPH.

* VISIBILITY...VISIBILITY CAN RAPIDLY DECLINE TO LESS THAN 1 MILE IN
AREAS.

* IMPACTS...TRAVEL WILL BE DIFFICULT DUE TO REDUCED VISIBILITIES DUE
TO DUST. CROSS WINDS WILL IMPACT VEHICLES...ESPECIALLY HIGH PROFILE
VEHICLES...ON NORTH-SOUTH ORIENTED ROADWAYS. ROADWAYS THAT WILL BE
IMPACTED INCLUDE HIGHWAY 95...AND INTERSTATES 8 AND 10.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED
VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING
SAND. USE EXTRA CAUTION.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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CAZ033-070315-
/O.NEW.KPSR.DU.Y.0004.140506T1511Z-140507T0100Z/
/O.CON.KPSR.WI.Y.0008.000000T0000Z-140507T0400Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO
811 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...
...BLOWING DUST ADVISORY IN EFFECT UNTIL 6 PM PDT THIS EVENING...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL 6 PM PDT THIS EVENING. A WIND
ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING.

* AFFECTED AREA...IMPERIAL COUNTY IN SOUTHEAST CALIFORNIA...
INCLUDING EL CENTRO.

* TIMING...THIS MORNING THROUGH EARLY EVENING.

* WINDS...WEST WINDS 25 TO 35 MPH WITH GUSTS TO 45 MPH.

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

Appendix A

* VISIBILITY...VISIBILITY CAN RAPIDLY DECLINE TO LESS THAN 1 MILE IN AREAS.

* IMPACTS...TRAVEL WILL BE DIFFICULT DUE TO REDUCED VISIBILITIES DUE TO DUST. CROSS WINDS WILL IMPACT VEHICLES...ESPECIALLY HIGH PROFILE VEHICLES...ON NORTH-SOUTH ORIENTED ROADWAYS. ROADWAYS THAT WILL BE IMPACTED INCLUDE HIGHWAY 95...AND INTERSTATES 8 AND 10

PRECAUTIONARY/PREPAREDNESS ACTIONS...

STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA CAUTION.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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AZZ026-070100-
/O.NEW.KPSR.DU.Y.0004.140506T1511Z-140507T0100Z/
SOUTHWEST DESERTS-
INCLUDING THE CITIES OF...TACNA...WELLTON
811 AM MST TUE MAY 6 2014

...BLOWING DUST ADVISORY IN EFFECT UNTIL 6 PM MST THIS EVENING...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST ADVISORY...WHICH IS IN EFFECT UNTIL 6 PM MST THIS EVENING.

* AFFECTED AREA...YUMA COUNTY INCLUDING TACNA...DATELAND...MARTINEZ LAKE...AND THE INTERSTATE 8 TRAVEL CORRIDOR.

* TIMING...THIS MORNING THROUGH EARLY EVENING.

* WINDS...WEST WINDS 25 TO 35 MPH WITH GUSTS TO 45 MPH.

* VISIBILITY...VISIBILITY CAN RAPIDLY DECLINE TO LESS THAN 1 MILE IN AREAS.

* IMPACTS...TRAVEL WILL BE DIFFICULT DUE TO REDUCED VISIBILITIES DUE TO DUST. CROSS WINDS WILL IMPACT VEHICLES...ESPECIALLY HIGH PROFILE VEHICLES...ON NORTH-SOUTH ORIENTED ROADWAYS. ROADWAYS THAT WILL BE IMPACTED INCLUDE HIGHWAY 95...AND INTERSTATES 8 AND 10

PRECAUTIONARY/PREPAREDNESS ACTIONS...

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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AZZ020-CAZ032-070315-
/O.EXT.KPSR.WI.Y.0008.140506T1511Z-140507T0400Z/
LOWER COLORADO RIVER VALLEY AZ-RIVERSIDE COUNTY/EASTERN DESERTS-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...CHIRIACO SUMMIT...
DESERT CENTER
811 AM MST TUE MAY 6 2014 /811 AM PDT TUE MAY 6 2014/

...WIND ADVISORY NOW IN EFFECT UNTIL 9 PM MST /9 PM PDT/ THIS EVENING...

THE WIND ADVISORY IS NOW IN EFFECT UNTIL 9 PM MST /9 PM PDT/ THIS EVENING.

* AFFECTED AREA...SOUTHEAST CALIFORNIA AND SOUTHWEST ARIZONA...

INCLUDING...YUMA...BEVTHE...AND PARKER.

* TIMING...LATE THIS MORNING THROUGH EARLY EVENING.

* WINDS...WEST TO SOUTHWEST WINDS 25 TO 35 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT DUE TO REDUCED VISIBILITIES DUE TO DUST. CROSS WINDS WILL IMPACT VEHICLES...ESPECIALLY HIGH PROFILE VEHICLES...ON NORTH-SOUTH ORIENTED ROADWAYS. ROADWAYS THAT WILL BE IMPACTED INCLUDE HIGHWAY 95...AND INTERSTATES 8 AND 10

PRECAUTIONARY/PREPAREDNESS ACTIONS...

WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA CAUTION.

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556
FXUS66 KSGX 061604
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
904 AM PDT TUE MAY 6 2014

.SYNOPSIS...

A LOW PRESSURE TROUGH WILL MOVE THROUGH SOUTHERN CALIFORNIA TODAY THROUGH LATE TONIGHT...BRINGING SIGNIFICANT COOLING...STRONG AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS...GUSTY WINDS TO THE COASTAL AND VALLEY AREAS...AND PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...WITH BEST CHANCES FOR PRECIPITATION THIS AFTERNOON THROUGH EARLY EVENING. A COUPLE INCHES OF SNOW MAY OCCUR ABOVE 6500 FOOT ELEVATION. A WARMING AND DRYING TREND WILL FOLLOW FOR WEDNESDAY THROUGH SUNDAY AS HIGH PRESSURE GRADUALLY BUILDS ALOFT. THIS WILL RESULT IN A GRADUALLY SHALLOWER MARINE LAYER AS WELL. GUSTY OFFSHORE FLOW AND CONTINUED WARMING POSSIBLE FOR MONDAY.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

AT 815 AM...WATER VAPOR SATELLITE SHOWED A TROUGH OVER CENTRAL CALIFORNIA CONTINUING TO SLOWLY MOVE SOUTH...WHILE CURRENT RADAR IMAGERY SHOWED SOME LIGHT SHOWERS OVER SAN DIEGO COUNTY...AND A FEW SHOWERS IN ORANGE COUNTY. MEANWHILE...THE ANTICIPATED STRENGTHENING OF ONSHORE FLOW FROM THIS TROUGH IS EVIDENT...AS WEST WINDS ARE GUSTING INTO THE HIGH 50S/LOW 60S OVER THE SAN DIEGO COUNTY MOUNTAINS...WITH A PEAK WIND GUST OF 68 MPH REPORTED AT VOLCAN MOUNTAIN. ONSHORE GRADIENTS ARE CURRENTLY AT 12.7 MB FROM SAN DIEGO TO TONOPAH...WHILE IT WAS ONLY 8 MB AT THIS TIME YESTERDAY. ALTHOUGH WINDS MAY DIMINISH A LITTLE LATE THIS MORNING...THEY SHOULD PICK UP AGAIN LATE THIS AFTERNOON THROUGH EARLY EVENING AS HIGH-RES MODELS SHOW MORE MOUNTAIN WAVES FORMING. A HIGH WIND WARNING REMAINS IN EFFECT FOR THE SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS AND DESERTS THROUGH 3 AM WEDNESDAY. IT IS SLIGHTLY LESS WINDY OVER THE MOUNTAINS AND DESERTS OF SAN BERNARDINO COUNTY...AS THOSE MOUNTAINS ARE ORIENTED WEST TO EAST...WHICH IS LESS FAVORABLE FOR MOUNTAIN WAVES FROM PREDOMINANTLY WESTERLY FLOW. A WIND ADVISORY CONTINUES FOR THOSE AREAS...WITH GUSTS TO 55 MPH POSSIBLE. FINALLY...AS THE COLD FRONT ASSOCIATED WITH THE TROUGH MOVES THROUGH THIS AFTERNOON INTO EARLY THIS EVENING...WESTERLY WIND GUSTS OF 35-45 MPH ARE LIKELY TO OCCUR OVER THE COASTAL AND VALLEY AREAS...IN ADDITION TO THE SANTA ANA MOUNTAINS...AND SO A WIND ADVISORY FOR THOSE AREAS GOES INTO EFFECT AT 10 AM THIS MORNING AND CONTINUES THROUGH 6 PM TODAY.

AS FAR AS PRECIPITATION GOES...SHOWERS ARE LIKELY TO INCREASE IN COVERAGE THIS AFTERNOON THROUGH EARLY EVENING AS THE CORE OF THE

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

TROUGH MOVES OVER THE AREA ALONG WITH AN ASSOCIATED VORT MAX. THE HRRR SEEMS TO HAVE A GOOD HANDLE ON THE CURRENT PRECIPITATION...AND IT SHOWS AN INCREASE IN SHOWERS OVER THE SAN BERNARDINO MOUNTAINS STARTING THIS AFTERNOON AS THE VORT MAX STARTS TO COME DOWN OVER THE AREA...AND SO HAVE INCREASED POPS SUBSTANTIALLY FOR THAT AREA FOR LATER TODAY. THE LOCAL WRF CONTINUES TO NOT SHOW TOO MUCH IN THE WAY OF PRECIPITATION OVERALL COMPARED TO THE CANSAC WRF...BUT IT DOES SHOW THE POTENTIAL FOR SOME ISOLATED HEAVIER SHOWERS EARLY THIS EVENING OVER THE MOUNTAINS...AND SO HAVE INCREASED THE QPF AS WELL. CURRENT SNOW LEVELS ARE AT AROUND 6000 FEET...AND AREAS ABOVE 6500 FOOT ELEVATION COULD SEE A FEW INCHES OF TOTAL SNOWFALL. EXPECT DAY-TIME HIGH TEMPERATURES TO FALL TO 10-15 DEGREES...AND LOCALLY 20 DEGREES...BELOW NORMAL TODAY WITH THE TROUGH MOVING IN. IN TERMS OF STORM TOTAL PRECIPITATION...STILL LOOKING AT AROUND A 0.10 INCHES OR LESS AT THE ORANGE AND SAN DIEGO COUNTY COASTS AND THE INLAND EMPIRE...0.05 TO 0.25 INCHES IN THE SAN DIEGO COUNTY VALLEYS...0.25 TO 0.75 INCHES WITH LOCAL AMOUNTS ABOVE 1 INCH IN THE MOUNTAINS...AND A TRACE IN THE DESERTS.

WINDS WILL DIMINISH LATE TONIGHT THROUGH WEDNESDAY AS THE TROUGH MOVES OFF TO THE EAST. FOR WEDNESDAY THROUGH SUNDAY...WARMING AND DRYING WILL OCCUR UNDER DRY NORTHWEST FLOW ALOFT AND HIGHER 500 MB HEIGHTS. THE MARINE LAYER SHOULD ALSO BECOME GRADUALLY SHALLOWER...WITH NIGHT AND MORNING STRATUS CONFINED MAINLY TO THE COAST AND WESTERN VALLEYS BY SATURDAY NIGHT. WARMING IS LIKELY TO CONTINUE INTO SUNDAY...AND WE MAY GET GUSTY OFFSHORE FLOW LATE SUNDAY INTO MONDAY ACCORDING TO THE ECMWF. BY MONDAY...DAY-TIME HIGHS MAY REACH SEVERAL DEGREES ABOVE NORMAL.

&&

.AVIATION...

061600Z...COAST/VALLEYS...MULTIPLE SCT-BKN STRATUS LAYERS BETWEEN 2000 FT MSL AND 6000 FT MSL WILL CONTINUE THROUGH EARLY WEDNESDAY MORNING ALONG WITH ISOLATED LIGHT RAIN SHOWERS. VSBY LOCALLY REDUCED TO 6SM IN SHOWERS. HIGHER TERRAIN WILL BE OBSCURED AT TIMES DUE TO THE LOW CLOUD DECK. A GUSTY WEST SFC WIND WILL DEVELOP THIS AFTERNOON INTO EARLY THIS EVENING GUSTS 20 TO 30 KNOTS.

06/1800Z-07/0300Z. WINDS WILL DIMINISH AFTER 07/0300Z AND STRATUS BECOMING BKN-OVC WITH BASES 2000-2500 FT MSL AND TOPS 5000 FT MSL.

MTNS/DESERTS...AREAS OF SFC WIND GUSTS OVER 50 KNOTS IN ALONG NORTH-SOUTH MTN CRESTS AND ADJACENT DESERT SLOPES AND PASSES...WITH LOCAL 40 KNOT GUSTS IN SAN BERNARDINO MOUNTAINS PARTS OF THE HIGH DESERT. STG-SVR UDDFS AND LLWS OVER AND E OF THE MTNS POSSIBLE WITH THESE WINDS. VSBY LOCALLY REDUCED TO 3SM OR LESS IN BLDU. WINDS DIMINISHING THIS EVENING.

&&

.MARINE...

900 AM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TODAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT IN BOTH THE COASTAL WATERS WITH GUSTS AROUND 30 KT. GUSTS TO AROUND 35 KT

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

POSSIBLE IN THE OUTER COASTAL WATERS...MAINLY THIS MORNING THROUGH THIS EVENING. WINDS WILL GRADUALLY WEAKEN TONIGHT AND WEDNESDAY MORNING. THESE STRONG WINDS AND A FRESH NORTHWEST SWELL WILL PRODUCE COMBINED SEAS NEAR 10 FEET AND VERY ROUGH CONDITIONS IN THE OUTER WATERS TODAY. THE SMALL CRAFT ADVISORY HAS BEEN UPGRADED TO A GALE WARNING FOR THE OUTER COASTAL WATERS. SEE LAXMWWSGX FOR INFO.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 9 PM PDT THIS EVENING FOR THE APPLE AND LUCERNE VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 6 PM PDT THIS EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY VALLEYS...SANTA ANA MOUNTAINS AND FOOTHILLS...AND THE SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE.

PZ...SMALL CRAFT ADVISORY UNTIL 8 AM PDT THIS MORNING FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

GALE WARNING UNTIL 11 AM PDT WEDNESDAY FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

SMALL CRAFT ADVISORY UNTIL 11 AM PDT WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT 30 NM.

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PUBLIC...HARRISON
AVIATION/MARINE...JT

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320
WWUS76 KSGX 061718
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
1018 AM PDT TUE MAY 6 2014

...STRONG AND GUSTY WINDS IN THE MOUNTAINS AND DESERTS THROUGH
TONIGHT...

...GUSTY WESTERLY WINDS FOR THE COAST AND VALLEYS TODAY...

.A VIGOROUS LOW PRESSURE TROUGH WILL MOVE THROUGH SOUTHERN
CALIFORNIA TODAY AND TONIGHT...BRINGING STRONG AND WIDESPREAD
WESTERLY WINDS TO ALL AREAS. STRONGEST WINDS WILL BE TODAY AND
TONIGHT IN THE MOUNTAINS AND DESERTS WITH GUSTS OVER 60 MPH.
THESE STRONG WINDS WILL DIMINISH OVERNIGHT AS THE TROUGH MOVES
OFF TO THE EAST. GUSTY WEST WINDS WILL ALSO OCCUR OVER THE COAST
AND VALLEYS WITH GUSTS OVER 35 MPH THIS AFTERNOON...BEFORE
DIMINISHING THIS EVENING.

CAZ056-058-061-062-070100-
/O.CON.KSGX.HW.W.0010.00000T0000Z-140507T1000Z/
RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
1018 AM PDT TUE MAY 6 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 3 AM PDT WEDNESDAY...

- * WINDS...WESTERLY 25 TO 35 MPH WITH GUSTS TO 60 MPH AND
ISOLATED GUSTS TO 70 MPH TODAY AND TONIGHT.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL
OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR
LESS IN BLOWING DUST AND SAND AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT
ESPECIALLY IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE
IMPACTED ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH
THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS
AND OTHER DEBRIS ON ROADWAYS. DAMAGE TO SOME STRUCTURES IS
POSSIBLE.
- * WIND GUST REPORTS...
VOLCAN MOUNTAIN...68 MPH AT 5 AM.
HARRISON PARK...61 MPH AT 5 AM.
EDOM HILL...53 MPH AT 6 AM.
LUCKY FIVE RANCH...50 MPH AT 5 AM.

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ048-070100-
/O.CON.KSGX.WI.Y.0037.000000T0000Z-140507T0100Z/
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
1018 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 PM PDT THIS EVENING...

* WINDS...AREAS OF WEST TO SOUTHWEST WINDS 15 TO 25 MPH WITH GUSTS 35 TO 40 MPH.

* LOCATION...PORTIONS OF THE INLAND EMPIRE.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ055-060-070100-
/O.CON.KSGX.WI.Y.0037.000000T0000Z-140507T0400Z/
SAN BERNARDINO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
1018 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...

* WINDS...SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS TO 55 MPH. ISOLATED STRONGER GUSTS.

* TIMING...THROUGH THIS EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES...ESPECIALLY ON STATE HIGHWAYS 18 AND 247. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS.

* OUTLOOK...THE WINDS WILL DIMINISH TONIGHT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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CAZ042-043-050-057-070100-

/O.CON.KSGX.WI.Y.0037.000000T0000Z-140507T0100Z/

ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-

SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-

1018 AM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 PM PDT THIS EVENING...

* WINDS...AREAS OF WEST WINDS 15 TO 25 MPH WITH GUSTS 35 TO 40 MPH. STRONGEST GUSTS TO 45 MPH POSSIBLE ALONG THE COAST.

* LOCATION...STRONGEST WINDS NEAR THE COAST...BUT GUSTY WINDS WILL ALSO EXTEND INTO THE VALLEYS AND THE SANTA ANA MOUNTAINS.

* IMPACTS...THE WINDS CAN MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES. WATCH FOR TREE LIMBS OR OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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HARRISON

988
FLUS45 KPSR 060717
HWOPSR

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE PHOENIX AZ
1217 AM MST TUE MAY 6 2014

AZZ024-070700-
SOUTHERN GILA COUNTY/TONTO NATIONAL FOREST FOOTHILLS-
1217 AM MST TUE MAY 6 2014

...RED FLAG WARNING IN EFFECT FROM 10 AM THIS MORNING TO 7 PM MST
THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EAST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

RED FLAG WARNING.

GUSTY SOUTHWEST WINDS WILL DEVELOP LATE THIS MORNING AHEAD OF AN
APPROACHING COLD FRONT. WIND GUSTS TO 35 MPH ARE LIKELY THIS
AFTERNOON WHILE IN COMBINATION WITH LOW RELATIVE HUMIDITIES WILL
LEAD TO HIGH FIRE DANGER THROUGHOUT THE AFTERNOON.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ021>023-026>028-070700-
WEST CENTRAL DESERTS-NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-
SOUTHWEST DESERTS-SOUTHWEST MARICOPA COUNTY-
NORTHWEST AND NORTH CENTRAL PINAL COUNTY-
1217 AM MST TUE MAY 6 2014

...RED FLAG WARNING IN EFFECT FROM 10 AM THIS MORNING TO 7 PM MST
THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTH-CENTRAL
ARIZONA...SOUTHWEST ARIZONA AND WEST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

RED FLAG WARNING.

GUSTY SOUTHWEST WINDS WILL DEVELOP LATE THIS MORNING AHEAD OF AN
APPROACHING COLD FRONT. WIND GUSTS TO 35 MPH ARE LIKELY THIS
AFTERNOON WHILE IN COMBINATION WITH LOW HUMIDITIES WILL LEAD TO HIGH
FIRE DANGER THROUGHOUT THE AFTERNOON. THE STRONG WINDS WILL ALSO
LIKELY GENERATE PATCHY BLOWING DUST WHICH COULD SHARPLY RESTRICT
VISIBILITIES.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ020-025-CAZ031>033-070700-
LOWER COLORADO RIVER VALLEY AZ-YUMA/MARTINEZ LAKE AND VICINITY-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
IMPERIAL COUNTY-

1217 AM MST TUE MAY 5 2014 /1217 AM PDT TUE MAY 6 2014/

...WIND ADVISORY IN EFFECT FROM 10 AM MST /10 AM PDT/ THIS MORNING
TO 9 PM MST /9 PM PDT/ THIS EVENING...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHWEST
ARIZONA...EXTREME WEST-CENTRAL ARIZONA AND EXTREME SOUTHEAST
CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

WIND ADVISORY.

GUSTY SOUTHWEST WINDS ARE EXPECTED THROUGHOUT THE DAY TODAY WITH THE
STRONGEST WINDS DURING THE AFTERNOON. PEAK GUSTS TO 45 MPH ARE LIKELY
THIS AFTERNOON. THE STRONG WINDS WILL LIKELY GENERATE PATCHY BLOWING
DUST WHICH COULD SHARPLY RESTRICT VISIBILITIES. MOTORISTS ON NORTH
SOUTH ORIENTED ROADS COULD EXPERIENCE GUSTY SHIFTING CROSSWINDS
LEADING TO HAZARDOUS DRIVING CONDITIONS.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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CAZ030-070700-
JOSHUA TREE NATIONAL PARK-
1217 AM PDT TUE MAY 6 2014

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

WINDY CONDITIONS ARE EXPECTED THROUGH MUCH OF TODAY IN ASSOCIATION
WITH A COLD FRONTAL PASSAGE. WIND GUSTS MAY EXCEED 35 MPH AT TIMES
AND BE SUFFICIENT TO CAUSE PATCHY BLOWING DUST AND SAND ACROSS THE
LOWER ELEVATIONS.

.DAYS TWO THROUGH SEVEN...WEDNESDAY THROUGH MONDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT
WEATHER.GOV/PHOENIX

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FXUS66 KSGX 062131 RRA

AFDSGX

AREA FORECAST DISCUSSION

NATIONAL WEATHER SERVICE SAN DIEGO CA

230 PM PDT TUE MAY 6 2014

.SYNOPSIS...

A LOW PRESSURE TROUGH WILL MOVE THROUGH SOUTHERN CALIFORNIA THROUGH LATE TONIGHT...BRINGING SIGNIFICANT COOLING...STRONG AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS...GUSTY WINDS TO THE COASTAL AND VALLEY AREAS...AND PRECIPITATION ALONG AND WEST OF THE MOUNTAINS...WITH BEST CHANCES FOR PRECIPITATION ALONG THE COAST SLOPES. INCREASED INSTABILITY MAY BRING A FEW RUMBLES OF THUNDER THIS AFTERNOON AND EVENING TO THE NORTHERN AREAS. A COUPLE INCHES OF SNOW MAY OCCUR ABOVE 6500 TO 7000 FOOT ELEVATION. A WARMING AND DRYING TREND WILL FOLLOW FOR WEDNESDAY THROUGH SUNDAY AS HIGH PRESSURE GRADUALLY BUILDS ALOFT. THIS WILL RESULT IN A GRADUALLY SHALLOWER MARINE LAYER AS WELL. GUSTY OFFSHORE FLOW AND CONTINUED WARMING POSSIBLE FOR MONDAY.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

AT 1215 PM...WATER VAPOR SATELLITE SHOWED A TROUGH OVER CENTRAL CALIFORNIA CONTINUING TO SLOWLY MOVE SOUTH...WHILE CURRENT RADAR IMAGERY SHOWED ALMOST NO SHOWER ACTIVITY. MEANWHILE...THE ANTICIPATED STRENGTHENING OF ONSHORE FLOW FROM THIS TROUGH IS EVIDENT...AS WEST WINDS ARE GUSTING INTO THE HIGH 50S OVER THE SAN DIEGO COUNTY MOUNTAINS...WITH A PEAK WIND GUST OF 68 MPH REPORTED AT VOLCAN MOUNTAIN THIS MORNING. ALTHOUGH WINDS HAVE DIMINISHED A LITTLE EARLY THIS AFTERNOON...THEY SHOULD PICK UP AGAIN LATE THIS AFTERNOON THROUGH EARLY EVENING AS HIGH-RES MODELS SHOW MORE MOUNTAIN WAVES FORMING. A HIGH WIND WARNING REMAINS IN EFFECT FOR THE SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS AND DESERTS THROUGH 3 AM WEDNESDAY. IT IS SLIGHTLY LESS WINDY OVER THE MOUNTAINS AND DESERTS OF SAN BERNARDINO COUNTY...AS THOSE MOUNTAINS ARE ORIENTED WEST TO EAST...WHICH IS LESS FAVORABLE FOR MOUNTAIN WAVES FROM PREDOMINANTLY WESTERLY FLOW. A WIND ADVISORY CONTINUES FOR THOSE AREAS...WITH GUSTS TO 55 MPH POSSIBLE. FINALLY...AS THE COLD FRONT ASSOCIATED WITH THE TROUGH MOVES THROUGH THIS AFTERNOON INTO EARLY THIS EVENING...WESTERLY WIND GUSTS OF 35-45 MPH ARE LIKELY TO OCCUR OVER THE COASTAL AND VALLEY AREAS...IN ADDITION TO THE SANTA ANA MOUNTAINS...AND SO A WIND ADVISORY FOR THOSE AREAS CONTINUES THROUGH 6 PM TODAY.

AS FAR AS PRECIPITATION GOES...SHOWERS ARE LIKELY TO INCREASE IN COVERAGE LATE THIS AFTERNOON THROUGH EARLY EVENING AS THE CORE OF THE TROUGH MOVES OVER THE AREA ALONG WITH AN ASSOCIATED VORT MAX.

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

Appendix A

THE HRRR SEEMS TO HAVE A GOOD HANDLE ON THE CURRENT PRECIPITATION...AND IT SHOWS AN INCREASE IN SHOWERS OVER THE SAN BERNARDINO MOUNTAINS STARTING THIS AFTERNOON AS THE VORT MAX STARTS TO COME DOWN OVER THE AREA. THE LOCAL WRF CONTINUES TO NOT SHOW TOO MUCH IN THE WAY OF PRECIPITATION OVERALL COMPARED TO THE CANSAC WRF...BUT IT DOES SHOW THE POTENTIAL FOR SOME ISOLATED HEAVIER SHOWERS EARLY THIS EVENING OVER THE MOUNTAINS. WITH LIGHTNING OBSERVED IN AREAS NORTH OF THE CWA NEAR WHERE THE CORE OF THE TROUGH IS...AND WITH THE COLD CORE OF THE TROUGH EXPECTED TO DROP DOWN OVER THE AREA LATER TODAY BRINGING INCREASED INSTABILITY...HAVE ADDED A SLIGHT CHANCE OF THUNDERSTORMS TO THE NORTHERN SECTIONS OF THE FORECAST AREA FOR LATE THIS AFTERNOON THROUGH MID EVENING. CURRENT SNOW LEVELS ARE AT AROUND 6500 FEET...AND AREAS ABOVE 6500-7000 FOOT ELEVATION COULD SEE A COUPLE INCHES OF TOTAL SNOWFALL. AS EXPECTED...TEMPERATURES TODAY HAVE LOWERED BY 10-15 DEGREES...AND LOCALLY 20 DEGREES...COMPARED TO THIS TIME YESTERDAY.

WINDS WILL DIMINISH LATE TONIGHT THROUGH WEDNESDAY AS THE TROUGH MOVES OFF TO THE EAST. FOR WEDNESDAY THROUGH SUNDAY...WARMING AND DRYING WILL OCCUR UNDER DRY NORTHWEST FLOW ALOFT AND HIGHER 500 MB HEIGHTS. THE MARINE LAYER SHOULD ALSO BECOME GRADUALLY SHALLOWER...WITH NIGHT AND MORNING STRATUS CONFINED MAINLY TO THE COAST AND WESTERN VALLEYS BY SATURDAY NIGHT. WARMING IS LIKELY TO CONTINUE INTO SUNDAY...AND WE MAY GET GUSTY OFFSHORE FLOW LATE SUNDAY INTO MONDAY ACCORDING TO THE ECMWF. BY MONDAY...DAY-TIME HIGHS MAY REACH SEVERAL DEGREES ABOVE NORMAL.

&&

.AVIATION...

062000Z...COAST/VALLEYS...MULTIPLE SCT-BKN STRATUS LAYERS BETWEEN 2000 FT MSL AND 6000 FT MSL WILL CONTINUE THIS EVENING WITH ISOLATED LIGHT RAIN SHOWERS. VSBY LOCALLY REDUCED TO 6SM IN SHOWERS. HIGHER TERRAIN WILL BE OBSCURED AT TIMES DUE TO THE LOW CLOUD DECK. A GUSTY WEST SFC WIND WILL DEVELOP THIS AFTERNOON INTO EARLY THIS EVENING GUSTS 20 TO 30 KNOTS THROUGH 07/0300Z. WINDS WILL DIMINISH AFTER 07/0300Z AND STRATUS BECOMING BKN-OVC WITH BASES 2000-2500 FT MSL AND TOPS 5000 FT MSL. STRATUS WILL SCATTER OUT AFT 07/1700Z.

MTNS/DESERTS...AREAS OF SFC WIND GUSTS OVER 50 KNOTS IN ALONG NORTH-SOUTH MTN CRESTS AND ADJACENT DESERT SLOPES AND PASSES...WITH LOCAL 40 KNOT GUSTS IN SAN BERNARDINO MOUNTAINS PARTS OF THE HIGH DESERT. STG-SVR UDDFS AND LLWS OVER AND E OF THE MTNS POSSIBLE WITH THESE WINDS. VSBY LOCALLY REDUCED TO 3SM OR LESS IN BLDU. WINDS DIMINISHING THIS EVENING.

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.MARINE...

100 PM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TODAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT IN BOTH THE COASTAL WATERS WITH GUSTS AROUND 30 KT. GUSTS TO AROUND 35 KT POSSIBLE IN THE OUTER COASTAL WATERS...MAINLY THIS MORNING THROUGH THIS EVENING. WINDS WILL GRADUALLY WEAKEN TONIGHT AND WEDNESDAY

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

MORNING. THESE STRONG WINDS AND A FRESH NORTHWEST SWELL WILL PRODUCE COMBINED SEAS NEAR 10 FEET AND VERY ROUGH CONDITIONS IN THE OUTER WATERS TODAY. THE SMALL CRAFT ADVISORY HAS BEEN UPGRADED TO A GALE WARNING FOR THE OUTER COASTAL WATERS. SEE LAXMWWSGX FOR INFO.

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.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 9 PM PDT THIS EVENING FOR THE APPLE AND LUCERNE VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 6 PM PDT THIS EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY VALLEYS...SANTA ANA MOUNTAINS AND FOOTHILLS...AND THE SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE.

PZ...GALE WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

SMALL CRAFT ADVISORY FROM 3 AM PDT WEDNESDAY TO 11 AM PDT WEDNESDAY FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

SMALL CRAFT ADVISORY UNTIL 11 AM PDT WEDNESDAY FOR THE COASTAL WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT 30 NM.

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PUBLIC...HARRISON
AVIATION/MARINE...JT

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FPUS76 KSGX 062148
NOWSGX

SHORT TERM FORECAST
NATIONAL WEATHER SERVICE SAN DIEGO CA
248 PM PDT TUE MAY 6 2014

CAZ048-055-062330-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN BERNARDINO COUNTY MOUNTAINS-
248 PM PDT TUE MAY 6 2014

.NOW...
SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL MOVE EAST AT 20
MPH OVER THE SAN GABRIEL AND SAN BERNARDINO MOUNTAINS AND THE
ADJACENT SOUTHERN FOOTHILLS. MOST OF THE PRECIPITATION WILL BE
NORTH OF THE 210 FREEWAY. HEAVIEST RAIN WILL BE JUST NORTH AND
NORTHWEST OF SAN BERNARDINO THROUGH 330 PM WHERE LOCALLY ONE-HALF
INCH COULD FALL...INCLUDING ALONG THE 15 AND 215 FREEWAYS.

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MAXWELL

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332
WWUS76 KSGX 070047
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
547 PM PDT TUE MAY 6 2014

...STRONG AND GUSTY WINDS IN THE MOUNTAINS AND DESERTS THROUGH
TONIGHT...

.A LOW PRESSURE TROUGH MOVING ACROSS THE REGION WILL CONTINUE
STRONG AND WIDESPREAD WESTERLY WINDS IN THE MOUNTAINS AND DESERTS.
WESTERLY WIND GUSTS TO 60 MPH WILL BE POSSIBLE. BREEZY CONDITIONS
WILL DIMINISH ALONG THE COAST AND VALLEYS THROUGH THIS EVENING.
WINDS WILL DIMINISH OVERNIGHT ELSEWHERE AS THE TROUGH MOVES OFF TO
THE EAST.

CAZ048-070200-
/O.EXP.KSGX.WI.Y.0037.000000T0000Z-140507T0100Z/
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
547 PM PDT TUE MAY 6 2014

...WIND ADVISORY WILL EXPIRE AT 6 PM PDT THIS EVENING...

BREEZY WESTERLY WINDS HAVE FALLEN BELOW 35 MPH...AND WILL
CONTINUE TO DIMINISH THROUGHOUT THE EVENING. THEREFORE...THE WIND
ADVISORY WILL BE ALLOWED TO EXPIRE AT 6 PM.

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CAZ042-043-050-057-070200-
/O.EXP.KSGX.WI.Y.0037.000000T0000Z-140507T0100Z/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-
547 PM PDT TUE MAY 6 2014

...WIND ADVISORY WILL EXPIRE AT 6 PM PDT THIS EVENING...

BREEZY WESTERLY WINDS HAVE FALLEN BELOW 35 MPH...AND WILL
CONTINUE TO DIMINISH THROUGHOUT THE EVENING. THEREFORE...THE WIND
ADVISORY WILL BE ALLOWED TO EXPIRE AT 6 PM.

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CAZ056-058-061-062-070415-
/O.CON.KSGX.HW.W.0010.000000T0000Z-140507T1000Z/
RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
547 PM PDT TUE MAY 6 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 3 AM PDT WEDNESDAY...

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

- * WINDS...WESTERLY 25 TO 35 MPH WITH GUSTS TO 60 MPH AND ISOLATED GUSTS TO 70 MPH.
- * TIMING...THROUGH 3 AM WEDNESDAY.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR LESS IN BLOWING DUST AND SAND AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT ESPECIALLY IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE IMPACTED ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS AND OTHER DEBRIS ON ROADWAYS. DAMAGE TO SOME STRUCTURES IS POSSIBLE.
- * WIND GUST REPORTS... VOLCAN MOUNTAIN...68 MPH AT 5 AM. HARRISON PARK...61 MPH AT 5 AM. WHITEWATER...53 MPH AT 9AM. LUCKY FIVE RANCH...52 MPH AT 1130 AM.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CAZ055-060-070400-
/O.CON.KSGX.WI.Y.0037.000000T0000Z-140507T0400Z/
SAN BERNARDINO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
547 PM PDT TUE MAY 6 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 9 PM PDT THIS EVENING...

- * WINDS...SOUTHWEST TO WEST WINDS 20 TO 30 MPH WITH GUSTS TO 55 MPH. ISOLATED STRONGER GUSTS POSSIBLE.
- * TIMING...THROUGH THIS EVENING.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR LESS IN BLOWING DUST AND SAND AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR PERSONS IN HIGH PROFILE VEHICLES...ESPECIALLY ON STATE

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County
HIGHWAYS 18 AND 247. WATCH FOR DOWNED TREE LIMBS AND OTHER
DEBRIS ON ROADWAYS.

* OUTLOOK...THE WINDS WILL DIMINISH TONIGHT.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS
THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH
PROFILE VEHICLES. USE EXTRA CAUTION.

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JJT

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PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE SAN DIEGO CA
558 PM PDT TUE MAY 6 2014

...HIGHEST OBSERVED WIND GUSTS SINCE MIDNIGHT...

LOCATION	SPEED	TIME/DATE
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TOP 6 WIND GUSTS

VOLCAN MOUNTAIN (5154 FT)	68 MPH	0550 AM 05/06
HARRISON PARK (4861 FT)	61 MPH	0540 AM 05/06
WHITEWATER RAWS (2546 FT)	53 MPH	0850 AM 05/06
LUCKY FIVE RANCH (4740 FT)	52 MPH	1130 AM 05/06
BOULEVARD WEST (3404 FT)	49 MPH	0150 PM 05/06
EDOM HILL (6 NE PSP) (1550 FT)	49 MPH	0151 PM 05/06

...APPLE AND LUCERNE VALLEYS...

BURNS CANYON (6284 FT)	45 MPH	0251 AM 05/06
LUCERNE VALLEY (2936 FT)	40 MPH	1051 AM 05/06
VICTORVILLE AIRPORT (2884 FT)	39 MPH	0455 PM 05/06
EL MIRAGE (2880 FT)	39 MPH	0126 PM 05/06
HESPERIA (3 SW) (3580 FT)	35 MPH	0202 AM 05/06

...COACHELLA VALLEY...

WHITEWATER RAWS (2546 FT)	53 MPH	0850 AM 05/06
EDOM HILL (6 NE PSP) (1550 FT)	49 MPH	0151 PM 05/06
WHITE WATER (2 S) (1133 FT)	44 MPH	0345 AM 05/06
PALM SPRINGS AIRPORT (474 FT)	38 MPH	0339 PM 05/06
THERMAL AIRPORT (-118 FT)	36 MPH	0608 AM 05/06

...RIVERSIDE COUNTY MOUNTAINS...

PINYON (4060 FT)	37 MPH	0436 AM 05/06
ANZA SOUTHEAST (3920 FT)	36 MPH	0249 PM 05/06

...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS -THE INLAND EMPIRE...

LAKE MATHEWS (1516 FT)	38 MPH	0416 PM 05/06
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...SAN DIEGO COUNTY DESERTS...

IN KO PAH (3221 FT)	43 MPH	0320 PM 05/06
OCOTILLO WELLS (388 FT)	42 MPH	0344 AM 05/06
BORREGO SPRINGS (587 FT)	42 MPH	1226 AM 05/06
BORREGO SPRINGS (3 W) (820 FT)	41 MPH	1220 PM 05/06
BORREGO SPRINGS (2 E) (720 FT)	38 MPH	0400 AM 05/06
NARROWS (768 FT)	35 MPH	1220 PM 05/06

...SAN DIEGO COUNTY MOUNTAINS...

VOLCAN MOUNTAIN (5154 FT)	68 MPH	0550 AM 05/06
HARRISON PARK (4861 FT)	61 MPH	0540 AM 05/06
LUCKY FIVE RANCH (4740 FT)	52 MPH	1130 AM 05/06
BOULEVARD WEST (3404 FT)	49 MPH	0150 PM 05/06
SANTA YSABEL (2920 FT)	48 MPH	0250 AM 05/06
CRESTWOOD (4114 FT)	47 MPH	0410 PM 05/06
EAST WARNERS (3242 FT)	46 MPH	1010 AM 05/06
LAKE CUYAMACA (4779 FT)	43 MPH	0830 AM 05/06
JULIAN (4 W) (3738 FT)	42 MPH	0330 PM 05/06
RANCHITA (RAWS) (4415 FT)	42 MPH	0407 PM 05/06
RANCHITA (4128 FT)	42 MPH	0210 PM 05/06
LA POSTA (4000 FT)	38 MPH	0200 PM 05/06
CAMPO (2630 FT)	38 MPH	0411 PM 05/06
JULIAN (4201 FT)	38 MPH	0630 AM 05/06
INAJA PARK (SANTA YSABEL)	37 MPH	0140 PM 05/06
WEST WYNOLA (3553 FT)	36 MPH	0450 PM 05/06
JULIAN CDF (4238 FT)	36 MPH	0455 AM 05/06
GUATAY (3892 FT)	35 MPH	0400 PM 05/06

...SAN DIEGO COUNTY VALLEYS...

OTAY MOUNTAIN (3283 FT)	37 MPH	0314 PM 05/06
ROUND POTRERO (2634 FT)	35 MPH	0510 PM 05/06

...SANTA ANA MOUNTAINS AND FOOTHILLS...

TEMESCAL (1708 FT)	44 MPH	0241 PM 05/06
SIERRA PEAK (3094 FT)	38 MPH	0201 PM 05/06
CORONA (3 S) (1951 FT)	37 MPH	0411 PM 05/06

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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AFDSGX

AREA FORECAST DISCUSSION...UPDATED
NATIONAL WEATHER SERVICE SAN DIEGO CA
634 PM PDT TUE MAY 6 2014

.UPDATE...

UPDATED THE FORECAST FOR THE EXPIRATION OF THE WIND ADVISORY FOR THE VALLEYS AND COAST. THE REMAINDER OF THE PREVIOUS FORECAST IS ON TRACK. ISOLATED TO SCATTERED RAIN AND MOUNTAIN SNOW SHOWERS OVER THE MOUNTAINS AND FAR INLAND VALLEYS WILL BE POSSIBLE THROUGH TONIGHT AS AN UPPER-LEVEL TROUGH CONTINUES ACROSS THE REGION. ONLY LIGHT ACCUMULATIONS OF RAIN IS FORECAST...EXCEPT IN HEAVIER SHOWERS WHERE AROUND ONE-QUARTER INCH IS POSSIBLE. A TRACE TO A FEW INCHES OF SNOW IS POSSIBLE ABOVE 5500 FT. THE HIGH WIND WARNING FOR THE SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS AND DESERTS...ALONG WITH THE WIND ADVISORY FOR THE SAN BERNARDINO COUNTY MOUNTAINS AND DESERTS...REMAINS IN EFFECT.

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.SYNOPSIS...

A LOW PRESSURE TROUGH MOVING THROUGH SOUTHERN CALIFORNIA WILL CONTINUE STRONG AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS THROUGH TONIGHT. LIGHT PRECIPITATION IS POSSIBLE ALONG AND WEST OF THE MOUNTAINS...WITH BEST CHANCES FOR PRECIPITATION ALONG THE COAST SLOPES. INCREASED INSTABILITY MAY CREATE ISOLATED THUNDERSTORMS THIS EVENING OVER THE NORTHERN AREAS. A FEW INCHES OF SNOW MAY ACCUMULATE ABOVE 6500 FEET IN HEAVIER SHOWERS. A WARMING AND DRYING TREND WILL FOLLOW FOR WEDNESDAY THROUGH SUNDAY AS HIGH PRESSURE GRADUALLY BUILDS ALOFT. THIS WILL RESULT IN A GRADUALLY SHALLOWER MARINE LAYER AS WELL. GUSTY OFFSHORE FLOW AND CONTINUED WARMING POSSIBLE FOR MONDAY.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

PREVIOUS DISCUSSION...

GUSTY WESTERLY WINDS WILL CONTINUE THROUGH EARLY EVENING OVER THE MOUNTAINS AND DESERTS AS HIGH-RES MODELS SHOW MOUNTAIN WAVES REDEVELOPING. WINDS WILL BE SLIGHTLY LESS WINDY OVER THE MOUNTAINS AND DESERTS OF SAN BERNARDINO COUNTY...AS THOSE MOUNTAINS ARE ORIENTED WEST TO EAST...WHICH IS LESS FAVORABLE FOR MOUNTAIN WAVES FROM PREDOMINANTLY WESTERLY FLOW. A WIND ADVISORY CONTINUES FOR THOSE AREAS.

ISOLATED TO SCATTERED SHOWERS ARE LIKELY TO INCREASE IN COVERAGE THROUGH EARLY EVENING AS THE CORE OF THE TROUGH MOVES OVER THE

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

AREA ALONG WITH AN ASSOCIATED VORT MAX. THE HRRR SEEMS TO HAVE A GOOD HANDLE ON THE CURRENT PRECIPITATION. THE LOCAL WRF CONTINUES TO NOT SHOW TOO MUCH IN THE WAY OF PRECIPITATION OVERALL COMPARED TO THE CANSAC WRF...BUT IT DOES SHOW THE POTENTIAL FOR SOME ISOLATED HEAVIER SHOWERS EARLY THIS EVENING OVER THE MOUNTAINS. WITH THE COLD CORE OF THE TROUGH EXPECTED TO DROP DOWN OVER THE AREA LATER TODAY BRINGING INCREASED INSTABILITY...WILL CONTINUE A SLIGHT CHANCE OF THUNDERSTORMS TO THE NORTHERN SECTIONS OF THE FORECAST AREA THROUGH MID EVENING. CURRENT SNOW LEVELS ARE AT AROUND 5500 TO 6000 FEET...AND AREAS ABOVE 6500 FEET COULD SEE A COUPLE INCHES OF TOTAL SNOWFALL.

WINDS WILL DIMINISH LATE TONIGHT THROUGH WEDNESDAY AS THE TROUGH MOVES OFF TO THE EAST. FOR WEDNESDAY THROUGH SUNDAY...WARMING AND DRYING WILL OCCUR UNDER DRY NORTHWEST FLOW ALOFT AND HIGHER 500 MB HEIGHTS. THE MARINE LAYER SHOULD ALSO BECOME GRADUALLY SHALLOWER...WITH NIGHT AND MORNING STRATUS CONFINED MAINLY TO THE COAST AND WESTERN VALLEYS BY SATURDAY NIGHT. WARMING IS LIKELY TO CONTINUE INTO SUNDAY...AND WE MAY GET GUSTY OFFSHORE FLOW LATE SUNDAY INTO MONDAY ACCORDING TO THE ECMWF. BY MONDAY...DAY-TIME HIGHS MAY REACH SEVERAL DEGREES ABOVE NORMAL.

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.AVIATION...

062000Z...COAST/VALLEYS...MULTIPLE SCT-BKN STRATUS LAYERS BETWEEN 2000 FT MSL AND 6000 FT MSL WILL CONTINUE THIS EVENING WITH ISOLATED LIGHT RAIN SHOWERS. VSBY LOCALLY REDUCED TO 6SM IN SHOWERS. HIGHER TERRAIN WILL BE OBSCURED AT TIMES DUE TO THE LOW CLOUD DECK. A GUSTY WEST SFC WIND WILL DEVELOP THIS AFTERNOON INTO EARLY THIS EVENING GUSTS 20 TO 30 KNOTS THROUGH 07/0300Z. WINDS WILL DIMINISH AFTER 07/0300Z AND STRATUS BECOMING BKN-OVC WITH BASES 2000-2500 FT MSL AND TOPS 5000 FT MSL. STRATUS WILL SCATTER OUT AFT 07/1700Z.

MTNS/DESERTS...AREAS OF SFC WIND GUSTS OVER 50 KNOTS IN ALONG NORTH-SOUTH MTN CRESTS AND ADJACENT DESERT SLOPES AND PASSES...WITH LOCAL 40 KNOT GUSTS IN SAN BERNARDINO MOUNTAINS PARTS OF THE HIGH DESERT. STG-SVR UDDFS AND LLWS OVER AND E OF THE MTNS POSSIBLE WITH THESE WINDS. VSBY LOCALLY REDUCED TO 3SM OR LESS IN BLDU. WINDS DIMINISHING THIS EVENING.

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.MARINE...

100 PM...A TROUGH OF LOW PRESSURE MOVING THROUGH CALIFORNIA TODAY AND WEDNESDAY WILL PRODUCE WEST TO NORTHWEST WINDS 20-25 KT IN BOTH THE COASTAL WATERS WITH GUSTS AROUND 30 KT. GUSTS TO AROUND 35 KT POSSIBLE IN THE OUTER COASTAL WATERS...MAINLY THIS MORNING THROUGH THIS EVENING. WINDS WILL GRADUALLY WEAKEN TONIGHT AND WEDNESDAY MORNING. THESE STRONG WINDS AND A FRESH NORTHWEST SWELL WILL PRODUCE COMBINED SEAS NEAR 10 FEET AND VERY ROUGH CONDITIONS IN THE OUTER WATERS TODAY. THE SMALL CRAFT ADVISORY HAS BEEN UPGRADED TO A GALE WARNING FOR THE OUTER COASTAL WATERS. SEE LAXMWSGX FOR INFO.

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.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE
ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE COACHELLA
VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY

DESERTS...SAN DIEGO COUNTY MOUNTAINS.

WIND ADVISORY UNTIL 9 PM PDT THIS EVENING FOR THE APPLE AND
LUCERNE VALLEYS...SAN BERNARDINO COUNTY MOUNTAINS.

SMALL CRAFT ADVISORY UNTIL 3 AM PDT WEDNESDAY FOR THE SAN DIEGO
COUNTY COASTAL AREAS.

PZ...SMALL CRAFT ADVISORY FROM 3 AM TO 11 AM PDT WEDNESDAY FOR THE
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING
30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

GALE WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE WATERS FROM SAN
MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT
INCLUDING SAN CLEMENTE ISLAND.

SMALL CRAFT ADVISORY UNTIL 3 AM PDT WEDNESDAY FOR THE COASTAL
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT
30 NM.

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PUBLIC...SH/JJT

AVIATION/MARINE...JT

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NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
842 PM PDT TUE MAY 6 2014

...STRONG AND GUSTY WINDS IN THE MOUNTAINS AND DESERTS THROUGH
TONIGHT...

.A LOW PRESSURE TROUGH MOVING ACROSS THE REGION WILL CONTINUE
STRONG WESTERLY WINDS IN THE MOUNTAINS AND DESERTS THROUGH EARLY
WEDNESDAY MORNING. WESTERLY WIND GUSTS TO 60 MPH WILL BE POSSIBLE.
WINDS WILL DIMINISH OVERNIGHT AS THE TROUGH MOVES OFF TO THE
EAST.

CAZ055-060-070445-
/O.EXP.KSGX.WI.Y.0037.000000T0000Z-140507T0400Z/
SAN BERNARDINO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
842 PM PDT TUE MAY 6 2014

...WIND ADVISORY WILL EXPIRE AT 9 PM PDT THIS EVENING...

WINDS HAVE DIMINISHED BELOW ADVISORY CRITERIA. THEREFORE...THE
WIND ADVISORY WILL BE ALLOWED TO EXPIRE AT 9 PM PDT THIS EVENING.
BREEZY WESTERLY WINDS WILL BE POSSIBLE THROUGH WEDNESDAY MORNING.

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CAZ056-058-061-062-071000-
/O.CON.KSGX.HW.W.0010.000000T0000Z-140507T1000Z/
RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
842 PM PDT TUE MAY 6 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL 3 AM PDT WEDNESDAY...

* WINDS...WESTERLY 25 TO 35 MPH WITH GUSTS TO 60 MPH

* TIMING...THROUGH 3 AM WEDNESDAY.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL
OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR
LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT
ESPECIALLY IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE
IMPACTED ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH
THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS

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AND OTHER DEBRIS ON ROADWAYS. DAMAGE TO SOME STRUCTURES IS POSSIBLE.

* WIND GUST REPORTS... VOLCAN MOUNTAIN...68 MPH AT 5 AM.
HARRISON PARK...61 MPH AT 5 AM. WHITEWATER...53 MPH AT 9AM.
LUCKY FIVE RANCH...52 MPH AT 1130 AM.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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 SRUS46 KSGX 070401
 RRMSGX

RAINFALL STORM TOTAL SUMMARY...PRELIMINARY
 NATIONAL WEATHER SERVICE SAN DIEGO CA
 900 PM PDT TUE MAY 6 2014

ONE DAY RAINFALL TOTALS AS OF 900 PM TUE MAY 06 2014

.TOP RAINFALL AMOUNTS FROM ALL ZONES

STATION	PRECIP(IN)	MILES/DIRECTION FROM
1. CRESTLINE	0.41	
2. RUNNING SPRINGS	0.40	
3. CREST PARK	0.39	6WSW LAKE ARROWHEAD
4. PLUNGE CREEK CANYON	0.31	3E HIGHLAND
5. CRESTLINE RIDGE	0.29	
6. GLEN HELEN REG PARK	0.28	1S DEVORE
7. DEER CREEK DAM	0.28	6NNE RANCHO CUCA
8. SANTIAGO PEAK	0.27	
9. CAL ST SAN BERNARDINO	0.24	5NNW SAN BERNARDINO
10. LYTLE CREEK	0.19	

.ORANGE COUNTY COASTAL AREAS

ID:	STATION	PRECIP(IN)	ELEV(FT)
FUL :	FULLERTON	0.00	96
SDYBL:	YORBA LINDA	0.00	370
SDSAA:	SANTA ANA	0.00	130
SDHTB:	HUNTINGTON BEACH	0.00	5
SNA :	JOHN WAYNE AIRPORT	0.00	50
CTMC1:	COSTA MESA	0.00	47
SDFRH:	LAKE FOREST	0.00	970
LGUC1:	LAGUNA BEACH	0.00	47
SDLGH:	LAGUNA HILLS	0.00	400
SJNC1:	SAN JUAN CAPISTRANO	0.00	75
SDDPC:	DANA POINT	0.00	305

.SAN DIEGO COUNTY COASTAL AREAS

ID:	STATION	PRECIP(IN)	ELEV(FT)
SDM :	BROWN FIELD	0.02	538
OKB :	OCEANSIDE AIRPORT	T	30
NKX :	MIRAMAR MCAS	T	479
MYF :	MONTGOMERY FIELD	T	423
SAN :	SAN DIEGO LINDBERGH	T	42

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

Appendix A

SDVIS:	VISTA	0.00	440
CRQ :	CARLSBAD AIRPORT	0.00	305
SDETS:	ENCINITAS	0.00	270
SDOCH:	DEL MAR	0.00	295
SDCHU:	CHULA VISTA	0.00	120
SDNAC:	NATIONAL CITY	0.00	25

.SAN DIEGO COUNTY VALLEYS

ID:	STATION	PRECIP(IN)	ELEV(FT)
VLCC1:	VALLEY CENTER	0.02	1295
ANEC1:	ALPINE	0.02	2041
RMAC1:	MT. WOODSON	0.01	1720
POTC1:	POTRERO	0.01	2345
RNM :	RAMONA	T	1400
FLBC1:	FALLBROOK	0.00	675
SDSMP:	SAN MARCOS	0.00	680
ESOC1:	ESCONDIDO	0.00	640
SGX :	RANCHO BERNARDO	0.00	690
PWYC1:	POWAY	0.00	440
SDLAM:	LA MESA	0.00	490
SDSNL:	SANTEE	0.00	435
SDRSC:	RANCHO SAN DIEGO	0.00	400

.SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE

ID:	STATION	PRECIP(IN)	ELEV(FT)
CSBC1:	CAL ST SAN BERNARDINO	0.24	1556
DVOC1:	DEVORE	0.14	2057
BNTC1:	BEAUMONT	0.08	2680
ONT :	ONTARIO	T	922
CNO :	CHINO	T	650
YCPC1:	YUCAIPA	0.00	2620
RAL :	RIVERSIDE	0.00	847
RIV :	MARCH FIELD	0.00	1535
AJO :	CORONA	0.00	534
SDPRR:	PERRIS	0.00	1500
SDHET:	HEMET	0.00	1555
SDUNC:	MENIFEE	0.00	1417
SDLEL:	LAKE ELSINORE	0.00	1275
SDMEA:	MURRIETA	0.00	1250
SDTEM:	TEMECULA	0.00	1180

.SAN BERNARDINO COUNTY MOUNTAINS

ID:	STATION	PRECIP(IN)	ELEV(FT)
LTLC1:	LYTLE CREEK	0.19	2790
SDARN:	LAKE ARROWHEAD	0.14	5180

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

Appendix A

RCPC1:	ROCK CAMP	0.08	4900
SDAOK:	ANGELUS OAKS	0.04	5800
SDBDN:	BALDWIN LAKE	0.03	6770
MNCC1:	MORMON ROCK	0.00	3300
BBBC1:	BIG BEAR CITY	0.00	6960
SDBBC:	BIG BEAR CITY SOUTH	0.00	7260

.RIVERSIDE COUNTY MOUNTAINS

ID:	STATION	PRECIP(IN)	ELEV(FT)
SDPCV:	PINE COVE	0.07	6299
MSJC1:	MT. SAN JACINTO	0.00	8616
SDGRV:	GARNER VALLEY	0.00	4659
PYNC1:	PINYON PINES	0.00	4060
NZAC1:	ANZA	0.00	3920
SDTPK:	TORO PEAK	0.00	8690

.SANTA ANA MOUNTAINS AND FOOTHILLS

ID:	STATION	PRECIP(IN)	ELEV(FT)
SRUC1:	SANTA ROSA PLATEAU	0.00	1980
SNPC1:	SANTIAGO PEAK	0.00	5660
ECSC1:	EL CARISO	0.00	2600
FRCC1:	FREMONT CANYON	0.00	1781

.SAN DIEGO COUNTY MOUNTAINS

ID:	STATION	PRECIP(IN)	ELEV(FT)
DENC1:	DESCANSO	0.04	3480
JULC1:	JULIAN	0.02	4240
MLGC1:	MOUNT LAGUNA	0.02	5760
PAMC1:	PALOMAR MOUNTAIN	0.00	5530
OGVC1:	OAK GROVE	0.00	2770
RHC1:	RANCHITA	0.00	4415
YSAC1:	SANTA YSABEL	0.00	2990
CZZ :	CAMPO	0.00	2609

.APPLE AND LUCERNE VALLEYS

ID:	STATION	PRECIP(IN)	ELEV(FT)
SDHSL:	HELENDALE	0.00	2425
VLFC1:	VICTORVILLE	0.00	2959
EMRC1:	EL MIRAGE	0.00	2880
SDAPL:	APPLE VALLEY	0.00	2780
MNLC1:	MEANS LAKE	0.00	2900
SDNXP:	TWENTYNINE PALMS	0.00	1975

.COACHELLA VALLEY

ID:	STATION	PRECIP(IN)	ELEV(FT)
SDED0:	EDOM HILL	0.00	1550
PSP :	PALM SPRINGS	0.00	425
DHTC1:	DESERT HOT SPRINGS	0.00	1228
PMRC1:	THOUSAND PALMS	0.00	271
SDPDS:	PALM DESERT	0.00	175
TRM :	THERMAL	0.00	-125
INOC1:	INDIO	0.00	-15

.SAN DIEGO COUNTY DESERTS

ID:	STATION	PRECIP(IN)	ELEV(FT)
SFVC1:	SAN FELIPE	0.00	2280
OCWC1:	OCOTILLO WELLS	0.00	425
SDCBK:	CANEBRAKE	0.00	1000

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AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
929 PM PDT TUE MAY 6 2014

.SYNOPSIS...

A LOW PRESSURE TROUGH MOVING THROUGH SOUTHERN CALIFORNIA WILL CONTINUE STRONG AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS THROUGH TONIGHT. LIGHT PRECIPITATION IS POSSIBLE ALONG AND WEST OF THE MOUNTAINS...WITH BEST CHANCES FOR PRECIPITATION ALONG THE COAST SLOPES. ISOLATED THUNDERSTORMS ARE POSSIBLE THIS EVENING OVER THE NORTHERN AREAS. A FEW INCHES OF SNOW MAY ACCUMULATE ABOVE 6000 FEET IN HEAVIER SHOWERS. A WARMING AND DRYING TREND WILL FOLLOW FOR WEDNESDAY THROUGH SUNDAY AS HIGH PRESSURE GRADUALLY BUILDS ALOFT. THIS WILL RESULT IN A GRADUALLY SHALLOWER MARINE LAYER...WITH GUSTY OFFSHORE FLOW AND CONTINUED WARMING POSSIBLE EARLY NEXT WEEK.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

THE 06/1200 UTC ECMWF AND 06/1800 UTC GFS ARE IN GOOD AGREEMENT WITH
THE GENERAL PATTERN THROUGH THE NEXT 7 DAYS.

AT 8 PM PDT...WATER VAPOR SATELLITE IMAGERY DISPLAYED AN UPPER-LEVEL
LOW CENTERED OVER CENTRAL NEVADA...WITH A TROUGH EXTENDING SW JUST
SOUTH OF POINT CONCEPTION...AND AN UPPER-LEVEL RIDGE CENTERED NEAR
25N AND 145W. DOPPLER RADAR INDICATED A FEW ISOLATED SHOWERS MOVING
SSE NEAR THE BANNING PASS AND THE SOUTHERN PORTION OF THE I.E.
SURFACE OBSERVATIONS SHOWED WIND GUSTS OF 40 TO 50 MPH OVER THE
MOUNTAINS AND ALONG ADJACENT DESERT MOUNTAIN SLOPES.

SHOWERS THAT DEVELOPED THIS AFTERNOON DROPPED 0.41 INCHES OF RAIN
AT CRESTLINE...AND 1 TO 2 INCHES OF SNOW NEAR BIG BEAR AND GREEN
VALLEY LAKE. THE PEAK WIND GUST RECORDED TODAY WAS 68 MPH AT
VOLCAN MOUNTAIN AT 550 AM THIS MORNING. SEE LAXRRMSGX FOR THE
RAINFALL SUMMARY AND LAXPNSSGX FOR THE HIGHEST WINDS OBSERVED FROM
MIDNIGHT TO 6 PM TODAY.

THE AFOREMENTIONED UPPER-LEVEL TROUGH WILL CONTINUE SE ACROSS THE
REGION THIS EVENING...MAINTAINING GUSTY WESTERLY WINDS IN THE
MOUNTAINS AND DESERTS. GUSTS TO 60 MPH WILL BE POSSIBLE THROUGH
MOUNTAIN PASSES AND DESERT MOUNTAIN SLOPES IN SAN DIEGO AND
RIVERSIDE COUNTIES. MOUNTAIN WAVE ACTIVITY MAY TRANSFER GUSTY
CONDITIONS TO THE DESERT FLOOR AT TIMES. WINDS WILL DIMINISH
WEDNESDAY MORNING. A HIGH WIND WARNING REMAINS IN EFFECT FOR THE
SAN DIEGO AND RIVERSIDE COUNTY MOUNTAINS AND DESERTS. 500 MB TEMPS

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

OF -22 DEGREES C MOVING ALOFT WITH THE PASSAGE OF THE TROUGH WILL CONTINUE THE POSSIBILITY OF AN ISOLATED THUNDERSTORM OR TWO THROUGH LATE THIS EVENING...MAINLY ALONG COASTAL MOUNTAIN SLOPES. ISOLATED TO SCATTERED SHOWERS WILL BE POSSIBLE OVERNIGHT ALONG COASTAL MOUNTAIN SLOPES AND FAR INLAND VALLEYS. ONLY LIGHT ACCUMULATIONS ARE FORECAST...WITH SNOW ACCUMULATIONS OF A TRACE TO AN INCH POSSIBLE ABOVE 6000 FT.

HIGH PRESSURE ALOFT WILL SLOWLY BUILD EAST THROUGH THE END OF THE WEEK. INCREASING THICKNESSES WILL HELP INCREASE HIGH TEMPERATURES EACH DAY...AND CREATE A SHALLOWER MARINE LAYER. NIGHT AND MORNING LOW CLOUDS AND FOG ARE FORECAST WEST OF THE MOUNTAINS THROUGH SATURDAY. HIGHS WILL BE NEAR NORMAL BY SATURDAY. THE PASSAGE OF AN UPPER- LEVEL TROUGH ACROSS THE GREAT BASIN ON SUNDAY MAY CREATE LIGHT TO MODERATE OFFSHORE FLOW...WITH MARINE LAYER STRATUS AND FOG BEING RESTRICTED TO THE COAST SUNDAY AND MONDAY MORNINGS. ONCE THE TROUGH TRAVERSES EAST...THE RIDGE WILL BUILD FURTHER EAST...CENTERING OVER SW CA BY TUESDAY. THIS WILL HELP TO PUSH OUT THE MARINE LAYER CLOUDS AND FOG...AND INCREASE HIGH TEMPERATURES 10 TO 15 DEGREES F ABOVE NORMAL ALONG THE COAST AND VALLEYS BY TUESDAY.

&&

.AVIATION...

070330Z...COAST/VALLEYS...MULTIPLE SCT-BKN STRATUS LAYERS BETWEEN 2500 FT MSL AND 6000 FT MSL WITH TOPS TO 7000 FT MSL WILL CONTINUE THIS EVENING WITH ISOLATED LIGHT RAIN SHOWERS. MOST VISIBILITIES WILL REMAIN ABOVE 5 MI...EXCEPT WHERE HIGHER TERRAIN IS OBSCURED. OCCASIONAL SCT-BKN STRATUS WILL CONTINUE OVERNIGHT AND THROUGH MOST OF THE DAY WED...WITH GREATEST AMOUNTS IN THE VALLEYS.

MTNS/DESERTS...AREAS OF SFC WIND GUSTS AROUND 40 KNOTS WILL CONTINUE THROUGH 10Z WED OVER MTN CRESTS...DESERT SLOPES AND EAST OF MTN PASSES. THERE WILL BE ASSOCIATED UP/DOWNDRAFTS AND LLWS. A ROTOR WILL OCCUR AT TIMES NEAR KPSP. AFTER 10Z...WINDS WILL MOSTLY DIMINISH. OTHERWISE...AREAS OF TERRAIN OBSCURATIONS WILL OCCUR IN THE MOUNTAINS TONIGHT...WITH CONDITIONS GRADUALLY IMPROVING AFTER 10Z WED.

&&

.MARINE...

800 PM...GALE WARNING HAS BEEN DOWNGRADED TO A SMALL CRAFT ADVISORY FOR THE OUTER WATERS AS GUSTS WILL MOSTLY BE 30 KNOTS OR LESS OVERNIGHT. THE SCA WILL BE IN EFFECT THROUGH 11 AM WED IN THE OUTER WATERS AND 3 AM WED FOR THE INNER WATERS. COMBINED SEAS TO 10 FEET WILL CONTINUE AT TIMES IN THE OUTER WATERS THROUGH WED MORNING...WITH STEEP SEAS...THEN BECOME GRADUALLY LOWER.

&&

.BEACHES...

HIGH RIP CURRENT RISK IS IN EFFECT FOR WED AS THERE WILL BE

OCCASIONAL SETS AROUND 5 FEET.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL 3 AM PDT WEDNESDAY FOR THE COACHELLA

VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN DIEGO COUNTY
DESERTS...SAN DIEGO COUNTY MOUNTAINS.

SMALL CRAFT ADVISORY UNTIL 3 AM PDT WEDNESDAY FOR THE SAN DIEGO
COUNTY COASTAL AREAS.

PZ...SMALL CRAFT ADVISORY UNTIL 11 AM PDT WEDNESDAY FOR THE WATERS
FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO
60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

SMALL CRAFT ADVISORY UNTIL 3 AM PDT WEDNESDAY FOR THE COASTAL
WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER AND OUT
30 NM.

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PUBLIC...JJT

AVIATION/MARINE...MAXWELL

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URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE SAN DIEGO CA

219 AM PDT WED MAY 7 2014

...HIGH WIND WARNING CANCELLED...

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RIVERSIDE COUNTY MOUNTAINS-SAN DIEGO COUNTY MOUNTAINS-

COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-

219 AM PDT WED MAY 7 2014

...HIGH WIND WARNING IS CANCELLED...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS CANCELLED THE HIGH
WIND WARNING.

STRONG WINDS HAVE DIMINISHED EARLY THIS MORNING.

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AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
230 AM PDT WED MAY 7 2014

.SYNOPSIS...

A LOW PRESSURE TROUGH WILL MOVE OUT OF THE REGION TODAY LEAVING PARTLY CLOUDY AND COOL WEATHER. A GRADUAL WARMING TREND WILL HAPPEN AS HIGH PRESSURE ALOFT SLOWLY BUILDS THROUGH THE WEEKEND. A MARINE LAYER WILL REDEVELOP WITH COASTAL CLOUDS NIGHTS AND MORNINGS. STRONGER HIGH PRESSURE ALONG WITH OFFSHORE FLOW WILL BRING HOT WEATHER NEXT WEEK.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

ALL SHOWERS ENDED LAST EVENING WHILE WINDS HAVE GRADUALLY DIMINISHED EARLY THIS MORNING. SKIES WERE PARTLY TO MOSTLY CLOUDY. A LOW PRESSURE TROUGH WILL EXIT OUR REGION TODAY...BUT COOL AIR AND SOME CLOUDS IN THE COASTAL BASIN WILL REMAIN TODAY THROUGH THURSDAY. WE WILL TREND BACK TO SEASONAL WEATHER WITH A MODEST WARMING TREND THE NEXT FEW DAYS AS HIGHER PRESSURE REBUILDS. A WEAK MARINE INVERSION WILL REDEVELOP...BUT WILL NOT GENERATE UNIFORM LOW CLOUD COVERAGE SO THE NIGHT AND MORNING LOW CLOUDS WILL BE RANDOM. A SHORTWAVE TROUGH WILL MOVE INTO THE WESTERN STATES TO OUR NORTH OVER THE WEEKEND. THIS WILL BOOST WINDS IN THE MOUNTAINS AND DESERTS AND HELP OUR MARINE LAYER TO GET MORE ORGANIZED AND MORE TYPICAL LOW CLOUD COVERAGE. THAT NORTHERN WAVE WILL BRING COLDER AIR INTO THE WESTERN INTERIOR AND THAT MEANS OFFSHORE FLOW FOR US. THIS WILL SYNC UP WITH AN AMPLIFYING RIDGE OF HIGH PRESSURE STARTING MONDAY. THE MODELS AND ENSEMBLES ARE COMING TOGETHER TO BUILD CONFIDENCE THAT HOT WEATHER WILL BE BACK NEXT WEEK. THE WARMING TREND WILL ACCELERATE WHILE WE SHOO AWAY THE MARINE LAYER. TEMPS WILL GET INTO THE 90S AT LOWER ELEVATIONS MONDAY AND COULD APPROACH 100 TUESDAY AND WEDNESDAY FOR SOME SPOTS.

&&

.AVIATION...

070910Z...COAST/VALLEYS...MULTIPLE SCT-BKN STRATUS LAYERS BETWEEN 2500 FT MSL AND 5000 FT MSL WITH TOPS TO 6000 FT MSL WILL CONTINUE THROUGH THE MORNING WITH UNRESTRICTED VSBY...EXCEPT WHERE HIGHER TERRAIN IS OBSCURED. SCT-BKN STRATUS WILL CONTINUE THROUGH THU MORNING...WITH GREATEST COVERAGE ALONG THE W FACING MTN SLOPES AND ADJACENT FOOTHILLS/INLAND VALLEYS.

MTNS/DESERTS...WEST WINDS ACROSS THE MTN RIDGES AND LOCALLY INTO THE

May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County

DESERTS WILL CONTINUE TO WEAKEN THROUGH THE MORNING. COASTAL MTN SLOPES WILL REMAIN OBSCURED IN CLOUDS/FOG AT TIMES THROUGH THU MORNING. OTHERWISE FEW-SCT CLOUDS AOA 12000 FT MSL AND UNRESTRICTED VSBY.

&&

.MARINE...

THE SMALL CRAFT ADVISORY REMAINS IN EFFECT THROUGH 11 AM IN THE OUTER WATERS. COMBINED SEAS TO 10 FEET WITH STEEP SEAS AND NORTHWEST WINDS GUSTING 20-25 KT WILL CONTINUE THROUGH THE MORNING. WINDS AND SEAS WILL GRADUALLY LOWER THROUGH THE DAY TODAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

PZ...SMALL CRAFT ADVISORY UNTIL 11 AM PDT THIS MORNING FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC...MM

AVIATION/MARINE...SS

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PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE SAN DIEGO CA
 704 AM PDT WED MAY 7 2014

...LATEST WIND REPORTS...

LOCATION	SPEED	TIME/DATE	LAT/LON
VOLCAN MOUNTAIN	68 MPH	0550 AM 05/06	33.10N/116.58W
HARRISON PARK	61 MPH	0640 AM 05/06	33.04N/116.56W
EDOM HILL (6 NE PSP)	53 MPH	0851 PM 05/06	33.87N/116.43W
WHITewater RAWs	53 MPH	0850 AM 05/06	33.95N/116.66W
LUCKY FIVE RANCH	52 MPH	1130 AM 05/06	32.93N/116.53W
BOULEVARD WEST	49 MPH	0150 PM 05/06	32.66N/116.29W
SANTA YSABEL	48 MPH	0750 PM 05/05	33.11N/116.67W
CRESTWOOD	47 MPH	0410 PM 05/06	32.70N/116.35W
EAST WARNERS	46 MPH	1010 AM 05/06	33.23N/116.61W
WHITE WATER (2 S)	45 MPH	1135 PM 05/05	33.90N/116.64W
BURNS CANYON	45 MPH	0251 AM 05/06	34.21N/116.62W
BORREGO SPRINGS	44 MPH	1040 PM 05/05	33.19N/116.28W
TEMESCAL	44 MPH	0441 PM 05/06	33.76N/117.50W
LAKE CUYAMACA	43 MPH	0830 AM 05/06	33.00N/116.60W
IN KO PAH	43 MPH	0320 PM 05/06	32.64N/116.12W
JULIAN (4 W)	42 MPH	0330 PM 05/06	33.08N/116.66W
OCOTILLO WELLS	42 MPH	0344 AM 05/06	33.15N/116.18W
RANCHITA (RAWS)	42 MPH	0407 PM 05/06	33.22N/116.50W
RANCHITA	42 MPH	0210 PM 05/06	33.21N/116.51W
BORREGO SPRINGS (3 W)	41 MPH	1220 PM 05/06	33.26N/116.40W
LUCERNE VALLEY	40 MPH	1051 AM 05/06	34.44N/117.03W
VICTORVILLE AIRPORT	39 MPH	0455 PM 05/06	34.60N/117.38W
EL MIRAGE	39 MPH	0126 PM 05/06	34.63N/117.55W
BORREGO SPRINGS (2 E)	38 MPH	0400 AM 05/06	33.26N/116.35W
LA POSTA	38 MPH	0200 PM 05/06	32.71N/116.40W
PALM SPRINGS AIRPORT	38 MPH	0339 PM 05/06	33.83N/116.51W
CAMPO	38 MPH	0411 PM 05/06	32.62N/116.47W
SIERRA PEAK	38 MPH	0201 PM 05/06	33.85N/117.65W
LAKE MATHEWS	38 MPH	0416 PM 05/06	33.82N/117.46W
JULIAN	38 MPH	0630 AM 05/06	33.08N/116.59W
CORONA (3 S)	37 MPH	0411 PM 05/06	33.82N/117.57W
PINYON	37 MPH	0736 PM 05/06	33.58N/116.45W
OTAY MOUNTAIN	37 MPH	0314 PM 05/06	32.60N/116.84W
INAJA PARK (SANTA YSABEL)	37 MPH	0140 PM 05/06	33.10N/116.67W
WEST WYNOLA	36 MPH	0450 PM 05/06	33.11N/116.65W
ANZA SOUTHEAST	36 MPH	0249 PM 05/06	33.51N/116.62W
THERMAL AIRPORT	36 MPH	0608 AM 05/06	33.63N/116.16W
JULIAN CDF	36 MPH	0455 AM 05/06	33.08N/116.59W
ROUND POTRERO	35 MPH	0510 PM 05/06	32.65N/116.63W
NARROWS	35 MPH	1220 PM 05/06	33.14N/116.29W

GUATAY	35 MPH	0400 PM 05/06	32.86N/116.57W
HESPERIA (3 SW)	35 MPH	0202 AM 05/06	34.37N/117.34W
THOUSAND PALMS	35 MPH	0445 AM 05/07	33.82N/116.40W

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE SAN DIEGO CA
 704 AM PDT WED MAY 7 2014

...STRONGEST WIND GUSTS SINCE MONDAY AFTERNOON...

LOCATION	SPEED	TIME/DATE	LAT/LON
VOLCAN MOUNTAIN	68 MPH	0550 AM 05/06	33.10N/116.58W
HARRISON PARK	61 MPH	0640 AM 05/06	33.04N/116.56W
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[May 5, 2014 and May 6, 2014 Exceptional Event, Imperial County](#)[Appendix A](#)

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THOUSAND PALMS	35 MPH	0445 AM 05/07	33.82N/116.40W

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